

概要

トーキン製のメタルコンポジット・インダクタ MPXV シリーズは、DC-DC スイッチング電源装置の中でも車載用のインダクタとして最適です。メタルコンポジットコアは、高い飽和特性を持ち、突入電流モードでの機能を維持し、温度的に安定したインダクタンスを保持するという特長を持っています。

用途

車載用の ECU (電子制御ユニット) :

- LED ヘッドライト
- メータークラスターパネル
- ヘッドアップディスプレイ (HUD)
- 電動ウォーターポンプ (EWP)
- 電動オイルポンプ (EOP)
- 電動パワーステアリング (EPS)

特長

- 金属磁性粉末
- シールド構造、SMD タイプ
- インダクタンス範囲 : 0.10 ~ 100.00 μH
- 使用温度 : ~ +155°C
- 低音響ノイズ
- 低漏洩磁束
- AEC-Q200 準拠



品名呼称

MPXV	1	D0520		L	1R5
シリーズ	バージョン	サイズコード		インダクタ	インダクタンスコード (μH)
MPXV	1	D0520 = 5x5x2.0 mm D0530 = 5x5x3.0 mm D0618 = 6x6x1.8 mm D0624 = 6x6x2.4 mm D0630 = 6x6x3.0 mm D0650 = 6x6x5.0 mm D0830 = 8x8x3.0 mm D0840 = 8x8x4.0 mm	D1040 = 10x10x4.0 mm D1054 = 10x10x5.4 mm D1235 = 12x12x3.5 mm D1250 = 12x12x5.0 mm D1264 = 12x12x6.4 mm D1740 = 17x17x4.0 mm D1770 = 17x17x7.0 mm D2213 = 22x22x13.0 mm		最初の 2 桁はインダクタンス値を表します。3 桁目は加えるゼロ (0) の個数を表します。 R = 小数点 例: 100 = 10.00 μH R68 = 0.68 μH 1R5 = 1.50 μH 101 = 100.00 μH

製品特性

項目	製品特性
使用温度範囲	-55°C ~ +155°C (自己温度上昇を含む)
定格インダクタンス範囲	0.10 ~ 100.00 μ H at 100 kHz, 1 mA
インダクタンス公差	\pm 20%
定格直流抵抗範囲	0.48 ~ 341.2 m Ω maximum
定格電流範囲	2 ~ 90 A

表1 製品一覧

品名	インダクタンス (μ H) at 100kHz, 1 mA	インダクタンス 公差	直流抵抗 (m Ω) Typical	直流抵抗 (m Ω) Maximum	定格電流 (A)			自己共振 周波数 (MHz)
					I _{rms} ¹ (Ref.)	I _{sat} ² (Ref.)	I _{sat} ³ (Ref.)	
MPXV1D0520LR15	0.15	\pm 20%	3.40	3.90	16.9	15.5	22.0	190.0
MPXV1D0520LR22	0.22	\pm 20%	4.30	5.00	15.0	14.5	19.0	150.0
MPXV1D0520LR33	0.33	\pm 20%	5.30	6.20	13.4	11.0	16.0	110.0
MPXV1D0520LR47	0.47	\pm 20%	6.70	7.80	12.0	9.0	14.0	87.0
MPXV1D0520LR68	0.68	\pm 20%	10.60	12.20	9.5	7.5	11.0	74.0
MPXV1D0520L1R0	1.00	\pm 20%	16.40	18.90	7.6	7.0	9.0	62.0
MPXV1D0520L1R5	1.50	\pm 20%	30.90	35.60	5.6	4.5	7.0	44.0
MPXV1D0520L2R2	2.20	\pm 20%	35.10	40.40	5.2	4.5	6.5	39.0
MPXV1D0520L3R3	3.30	\pm 20%	55.80	64.20	4.1	3.5	5.5	34.0
MPXV1D0520L4R7	4.70	\pm 20%	84.00	96.60	3.4	3.5	4.5	26.0
MPXV1D0520L6R8	6.80	\pm 20%	113.40	130.50	2.9	2.5	4.0	22.0
MPXV1D0520L100	10.00	\pm 20%	193.70	222.80	2.2	2.5	3.5	20.0
MPXV1D0530LR15	0.15	\pm 20%	2.40	2.80	22.0	15.0	21.0	180.0
MPXV1D0530LR22	0.22	\pm 20%	3.40	3.90	18.4	11.0	16.0	140.0
MPXV1D0530LR33	0.33	\pm 20%	4.50	5.20	16.0	10.5	15.0	110.0
MPXV1D0530LR47	0.47	\pm 20%	6.00	6.90	13.8	9.0	13.0	91.0
MPXV1D0530LR68	0.68	\pm 20%	7.10	8.20	12.6	8.0	12.0	70.0
MPXV1D0530L1R0	1.00	\pm 20%	10.00	11.50	10.7	7.5	10.5	52.0
MPXV1D0530L1R5	1.50	\pm 20%	15.30	17.70	8.6	5.5	8.0	45.0
MPXV1D0530L2R2	2.20	\pm 20%	21.40	24.60	7.3	4.5	6.5	35.0
MPXV1D0530L3R3	3.30	\pm 20%	37.20	42.80	5.5	4.0	5.5	29.0
MPXV1D0530L4R7	4.70	\pm 20%	54.10	62.20	4.6	3.0	4.5	26.0
MPXV1D0530L6R8	6.80	\pm 20%	93.70	107.80	3.5	2.5	4.0	23.0
MPXV1D0530L100	10.00	\pm 20%	121.80	140.10	3.1	2.5	3.5	18.0
MPXV1D0530L150	15.00	\pm 20%	186.50	214.60	2.5	2.0	3.0	15.0
MPXV1D0530L220	22.00	\pm 20%	296.60	341.20	2.0	1.8	2.5	12.0
MPXV1D0618LR10	0.10	\pm 20%	2.40	2.80	18.9	22.5	40.0	230.0
品名	インダクタンス (μ H) at 100kHz, 1 mA	インダクタンス 公差	直流抵抗 (m Ω) Typical	直流抵抗 (m Ω) Maximum	定格電流 (A)			自己共振 周波数 (MHz)
					I _{rms} ¹ (Ref.)	I _{sat} ² (Ref.)	I _{sat} ³ (Ref.)	

¹ 40°C温度上昇時

² 20%インダクタンス低下時

³ 30%インダクタンス低下時

電気特性データは25°Cを基準としています。

品名	インダクタンス (μH) at 100kHz, 1 mA	インダクタンス 公差	直流抵抗 ($\text{m}\Omega$) Typical	直流抵抗 ($\text{m}\Omega$) Maximum	定格電流 (A)			自己共振 周波数 (MHz)
					I_{rms}^1 (Ref.)	I_{sat}^2 (Ref.)	I_{sat}^3 (Ref.)	
MPXV1D0618LR15	0.15	$\pm 20\%$	3.20	3.80	16.2	20.0	30.0	170.0
MPXV1D0618LR22	0.22	$\pm 20\%$	4.60	5.30	13.7	16.0	26.0	140.0
MPXV1D0618LR33	0.33	$\pm 20\%$	5.30	6.10	12.7	15.0	20.0	96.0
MPXV1D0618LR47	0.47	$\pm 20\%$	7.40	8.50	10.7	11.0	17.0	95.0
MPXV1D0618LR68	0.68	$\pm 20\%$	11.00	12.70	8.8	9.0	13.0	95.0
MPXV1D0618L1R0	1.00	$\pm 20\%$	16.70	19.30	7.1	8.0	11.0	55.0
MPXV1D0618L1R5	1.50	$\pm 20\%$	22.40	25.80	6.2	6.5	10.5	40.0
MPXV1D0618L2R2	2.20	$\pm 20\%$	29.40	33.80	5.4	6.0	9.0	39.0
MPXV1D0618L3R3	3.30	$\pm 20\%$	53.40	61.50	4.0	4.5	6.5	30.0
MPXV1D0618L4R7	4.70	$\pm 20\%$	72.50	83.40	3.4	4.0	6.0	26.0
MPXV1D0624LR10	0.10	$\pm 20\%$	1.50	1.80	26.6	25.0	42.0	210.0
MPXV1D0624LR15	0.15	$\pm 20\%$	2.00	2.30	23.2	20.5	37.0	130.0
MPXV1D0624LR22	0.22	$\pm 20\%$	2.80	3.30	19.4	19.5	29.0	120.0
MPXV1D0624LR33	0.33	$\pm 20\%$	3.60	4.20	17.2	17.5	22.5	91.0
MPXV1D0624LR47	0.47	$\pm 20\%$	4.50	5.20	15.4	14.5	20.0	71.0
MPXV1D0624LR68	0.68	$\pm 20\%$	6.70	7.80	12.6	11.5	16.0	57.0
MPXV1D0624L1R0	1.00	$\pm 20\%$	9.10	10.50	10.8	9.0	13.0	46.0
MPXV1D0624L1R5	1.50	$\pm 20\%$	16.10	18.50	8.1	7.0	10.0	43.0
MPXV1D0624L2R2	2.20	$\pm 20\%$	26.60	30.70	6.3	6.0	9.0	34.0
MPXV1D0624L3R3	3.30	$\pm 20\%$	29.40	33.80	6.0	5.0	8.0	27.0
MPXV1D0624L4R7	4.70	$\pm 20\%$	44.00	50.60	4.9	5.5	6.5	22.0
MPXV1D0624L6R8	6.80	$\pm 20\%$	58.60	67.40	4.3	4.5	5.5	18.0
MPXV1D0624L100	10.00	$\pm 20\%$	98.40	113.20	3.3	3.5	4.5	16.0
MPXV1D0630LR10	0.10	$\pm 20\%$	1.30	1.50	31.1	35.0	50.0	200.0
MPXV1D0630LR15	0.15	$\pm 20\%$	1.60	1.90	27.6	24.0	40.0	130.0
MPXV1D0630LR22	0.22	$\pm 20\%$	2.20	2.60	23.3	22.0	33.0	110.0
MPXV1D0630LR33	0.33	$\pm 20\%$	2.70	3.20	21.1	17.0	25.0	84.0
MPXV1D0630LR47	0.47	$\pm 20\%$	3.50	4.00	18.7	15.0	21.0	70.0
MPXV1D0630LR68	0.68	$\pm 20\%$	5.30	6.20	15.1	11.5	17.0	55.0
MPXV1D0630L1R0	1.00	$\pm 20\%$	7.10	8.20	13.1	9.0	13.0	43.0
MPXV1D0630L1R5	1.50	$\pm 20\%$	11.00	12.70	10.5	7.0	11.0	38.0
MPXV1D0630L2R2	2.20	$\pm 20\%$	15.90	18.30	8.7	6.5	9.0	30.0
MPXV1D0630L3R3	3.30	$\pm 20\%$	26.30	30.30	6.8	5.0	7.0	26.0
MPXV1D0630L4R7	4.70	$\pm 20\%$	31.80	36.70	6.2	4.5	6.5	21.0
MPXV1D0630L6R8	6.80	$\pm 20\%$	44.20	50.90	5.2	4.0	5.5	16.0
MPXV1D0630L100	10.00	$\pm 20\%$	67.80	78.00	4.2	3.5	4.5	15.0
MPXV1D0630L150	15.00	$\pm 20\%$	113.20	130.20	3.3	3.0	4.0	13.0
MPXV1D0630L220	22.00	$\pm 20\%$	162.00	186.30	2.7	2.5	3.5	9.6
品名	インダクタンス (μH) at 100kHz, 1 mA	インダクタンス 公差	直流抵抗 ($\text{m}\Omega$) Typical	直流抵抗 ($\text{m}\Omega$) Maximum	定格電流 (A)			自己共振 周波数 (MHz)
					I_{rms}^1 (Ref.)	I_{sat}^2 (Ref.)	I_{sat}^3 (Ref.)	

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² 20%インダクタンス低下時

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品名	インダクタンス (μH) at 100 kHz, 1 mA	インダクタンス 公差	直流抵抗 ($\text{m}\Omega$) Typical	直流抵抗 ($\text{m}\Omega$) Maximum	定格電流 (A)			自己共振 周波数 (MHz)
					I_{rms}^1 (Ref.)	I_{sat}^2 (Ref.)	I_{sat}^3 (Ref.)	
MPXV1D0650LR68	0.68	$\pm 20\%$	3.60	4.10	18.8	12.0	17.0	54.0
MPXV1D0650L1R0	1.00	$\pm 20\%$	5.10	6.00	15.6	9.0	13.0	42.0
MPXV1D0650L1R5	1.50	$\pm 20\%$	7.20	8.30	13.2	7.5	12.0	35.0
MPXV1D0650L2R2	2.20	$\pm 20\%$	10.00	11.60	11.2	7.0	10.0	30.0
MPXV1D0650L3R3	3.30	$\pm 20\%$	16.40	18.90	8.7	5.0	8.0	26.0
MPXV1D0650L4R7	4.70	$\pm 20\%$	27.80	32.00	6.7	4.5	6.5	19.0
MPXV1D0650L6R8	6.80	$\pm 20\%$	38.40	44.20	5.7	4.0	5.5	17.0
MPXV1D0650L100	10.00	$\pm 20\%$	53.40	61.40	4.8	3.5	4.5	13.0
MPXV1D0830LR22	0.22	$\pm 20\%$	1.60	1.90	30.7	27.0	43.0	140.0
MPXV1D0830LR33	0.33	$\pm 20\%$	2.30	2.70	25.8	22.5	35.0	83.0
MPXV1D0830LR47	0.47	$\pm 20\%$	2.70	3.10	24.0	20.5	30.0	80.0
MPXV1D0830LR68	0.68	$\pm 20\%$	3.80	4.40	20.1	20.0	28.0	55.0
MPXV1D0830L1R0	1.00	$\pm 20\%$	5.00	5.70	17.6	16.0	23.0	46.0
MPXV1D0830L1R5	1.50	$\pm 20\%$	7.90	9.10	14.0	13.0	18.0	37.0
MPXV1D0830L2R2	2.20	$\pm 20\%$	11.80	13.60	11.4	11.0	14.0	30.0
MPXV1D0830L3R3	3.30	$\pm 20\%$	19.40	22.30	8.9	9.0	12.5	24.0
MPXV1D0830L4R7	4.70	$\pm 20\%$	25.80	29.70	7.7	7.5	10.5	18.0
MPXV1D0830L6R8	6.80	$\pm 20\%$	32.90	37.90	6.8	7.5	10.0	16.0
MPXV1D0830L100	10.00	$\pm 20\%$	53.60	61.70	5.4	5.5	8.0	12.0
MPXV1D0830L150	15.00	$\pm 20\%$	82.30	94.60	4.3	4.5	6.5	11.0
MPXV1D0830L220	22.00	$\pm 20\%$	116.90	134.50	3.6	3.5	5.0	8.1
MPXV1D0830L330	33.00	$\pm 20\%$	199.60	229.50	2.8	3.0	4.0	6.9
MPXV1D0840LR22	0.22	$\pm 20\%$	1.20	1.50	35.4	35.0	53.0	100.0
MPXV1D0840LR33	0.33	$\pm 20\%$	2.00	2.40	27.7	30.0	45.0	77.0
MPXV1D0840LR47	0.47	$\pm 20\%$	2.30	2.70	25.8	26.0	38.0	59.0
MPXV1D0840LR68	0.68	$\pm 20\%$	3.10	3.60	22.4	20.5	30.0	46.0
MPXV1D0840L1R0	1.00	$\pm 20\%$	3.60	4.20	20.8	19.5	28.0	40.0
MPXV1D0840L1R5	1.50	$\pm 20\%$	5.80	6.80	16.2	14.0	19.0	29.0
MPXV1D0840L2R2	2.20	$\pm 20\%$	7.50	8.70	14.3	13.0	17.0	27.0
MPXV1D0840L3R3	3.30	$\pm 20\%$	12.10	14.00	11.3	11.0	15.0	22.0
MPXV1D0840L4R7	4.70	$\pm 20\%$	20.40	23.50	8.7	7.5	11.0	17.0
MPXV1D0840L6R8	6.80	$\pm 20\%$	29.00	33.40	7.3	6.5	9.0	13.0
MPXV1D0840L100	10.00	$\pm 20\%$	43.10	49.60	6.0	5.5	7.5	12.0
MPXV1D0840L150	15.00	$\pm 20\%$	56.50	65.00	5.2	4.5	6.5	9.0
MPXV1D0840L220	22.00	$\pm 20\%$	85.40	98.30	4.2	4.0	5.5	7.7
MPXV1D0840L330	33.00	$\pm 20\%$	134.10	154.20	3.4	3.5	4.5	6.2
MPXV1D0840L470	47.00	$\pm 20\%$	197.10	226.70	2.8	2.5	3.5	5.7
MPXV1D1040LR22	0.22	$\pm 20\%$	1.40	1.60	32.7	40.0	60.0	108.0
品名	インダクタンス (μH) at 100 kHz, 1 mA	インダクタンス 公差	直流抵抗 ($\text{m}\Omega$) Typical	直流抵抗 ($\text{m}\Omega$) Maximum	定格電流 (A)			自己共振 周波数 (MHz)
					I_{rms}^1 (Ref.)	I_{sat}^2 (Ref.)	I_{sat}^3 (Ref.)	

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品名	インダクタンス (μH) at 100kHz, 1 mA	インダクタンス 公差	直流抵抗 ($\text{m}\Omega$) Typical	直流抵抗 ($\text{m}\Omega$) Maximum	定格電流 (A)			自己共振 周波数 (MHz)
					I_{rms}^1 (Ref.)	I_{sat}^2 (Ref.)	I_{sat}^3 (Ref.)	
MPXV1D1040LR33	0.33	$\pm 20\%$	1.60	1.90	29.7	31.0	47.0	75.0
MPXV1D1040LR47	0.47	$\pm 20\%$	2.10	2.40	26.4	29.0	42.0	65.0
MPXV1D1040LR68	0.68	$\pm 20\%$	2.70	3.20	23.1	23.0	34.5	47.0
MPXV1D1040L1R0	1.00	$\pm 20\%$	3.30	3.80	21.1	19.5	29.0	35.0
MPXV1D1040L1R5	1.50	$\pm 20\%$	4.60	5.40	17.7	18.0	26.0	30.0
MPXV1D1040L2R2	2.20	$\pm 20\%$	6.80	7.90	14.6	13.0	18.5	23.0
MPXV1D1040L3R3	3.30	$\pm 20\%$	11.10	12.80	11.4	11.0	15.0	18.0
MPXV1D1040L4R7	4.70	$\pm 20\%$	13.80	15.90	10.3	10.0	14.0	17.0
MPXV1D1040L6R8	6.80	$\pm 20\%$	20.90	24.10	8.3	8.0	11.5	14.0
MPXV1D1040L100	10.00	$\pm 20\%$	29.60	34.10	7.0	7.5	10.5	11.0
MPXV1D1040L150	15.00	$\pm 20\%$	44.50	51.20	5.7	5.5	8.5	8.0
MPXV1D1040L220	22.00	$\pm 20\%$	66.20	76.10	4.7	5.0	7.0	7.0
MPXV1D1040L330	33.00	$\pm 20\%$	104.10	119.70	3.7	3.5	5.0	5.0
MPXV1D1040L470	47.00	$\pm 20\%$	158.80	182.60	3.0	3.0	4.0	4.5
MPXV1D1054LR33	0.33	$\pm 20\%$	1.10	1.27	37.3	45.0	60.0	56.0
MPXV1D1054LR47	0.47	$\pm 20\%$	1.60	1.84	30.9	39.0	51.0	46.0
MPXV1D1054LR68	0.68	$\pm 20\%$	2.00	2.30	27.6	27.0	37.5	38.0
MPXV1D1054L1R0	1.00	$\pm 20\%$	2.90	3.34	22.9	20.0	27.0	31.0
MPXV1D1054L2R2	2.20	$\pm 20\%$	4.70	5.41	18.0	12.0	16.5	21.0
MPXV1D1054L3R3	3.30	$\pm 20\%$	7.30	8.40	14.4	11.0	15.0	17.0
MPXV1D1054L4R7	4.70	$\pm 20\%$	11.90	13.69	11.3	10.0	14.0	14.0
MPXV1D1054L100	10.00	$\pm 20\%$	24.00	27.60	7.9	8.5	12.0	9.5
MPXV1D1054L150	15.00	$\pm 20\%$	34.00	39.10	6.7	8.0	11.0	7.5
MPXV1D1054L220	22.00	$\pm 20\%$	47.00	54.05	5.7	5.0	7.0	6.5
MPXV1D1054L330	33.00	$\pm 20\%$	70.00	80.50	4.6	4.4	6.0	5.0
MPXV1D1054L470	47.00	$\pm 20\%$	112.00	128.80	3.7	3.4	4.6	4.0
MPXV1D1235LR15	0.15	$\pm 20\%$	1.10	1.30	39.9	54.0	85.0	128.0
MPXV1D1235LR22	0.22	$\pm 20\%$	1.30	1.60	35.2	50.0	75.0	100.0
MPXV1D1235LR33	0.33	$\pm 20\%$	1.50	1.80	33.4	40.0	55.0	63.0
MPXV1D1235LR47	0.47	$\pm 20\%$	2.00	2.30	28.9	31.0	45.0	58.0
MPXV1D1235LR68	0.68	$\pm 20\%$	2.50	2.90	25.9	28.0	40.0	46.0
MPXV1D1235L1R0	1.00	$\pm 20\%$	3.60	4.20	21.5	22.0	32.5	33.0
MPXV1D1235L1R5	1.50	$\pm 20\%$	5.20	6.00	17.9	19.0	28.0	29.0
MPXV1D1235L2R2	2.20	$\pm 20\%$	7.30	8.40	15.2	15.5	23.0	21.0
MPXV1D1235L3R3	3.30	$\pm 20\%$	10.60	12.20	12.5	12.0	18.0	18.0
MPXV1D1235L4R7	4.70	$\pm 20\%$	14.20	16.40	10.9	11.5	17.5	14.0
MPXV1D1235L6R8	6.80	$\pm 20\%$	18.80	21.70	9.4	9.5	14.0	12.0
MPXV1D1235L100	10.00	$\pm 20\%$	30.40	35.00	7.4	8.5	12.0	9.5
品名	インダクタンス (μH) at 100kHz, 1 mA	インダクタンス 公差	直流抵抗 ($\text{m}\Omega$) Typical	直流抵抗 ($\text{m}\Omega$) Maximum	定格電流 (A)			自己共振 周波数 (MHz)
					I_{rms}^1 (Ref.)	I_{sat}^2 (Ref.)	I_{sat}^3 (Ref.)	

¹ 40℃温度上昇時

² 20%インダクタンス低下時

³ 30%インダクタンス低下時

電気特性データは25℃を基準としています。

品名	インダクタンス (μH) at 100 kHz, 1 mA	インダクタンス 公差	直流抵抗 ($\text{m}\Omega$) Typical	直流抵抗 ($\text{m}\Omega$) Maximum	定格電流 (A)			自己共振 周波数 (MHz)
					Irms ¹ (Ref.)	Isat ² (Ref.)	Isat ³ (Ref.)	
MPXV1D1250LR22	0.22	±20%	1.00	1.20	42.7	55.0	85.0	95.0
MPXV1D1250LR33	0.33	±20%	1.10	1.30	41.6	45.0	65.0	68.0
MPXV1D1250LR47	0.47	±20%	1.50	1.80	34.8	37.0	55.0	54.0
MPXV1D1250LR68	0.68	±20%	1.70	2.00	32.7	30.0	45.0	45.0
MPXV1D1250L1R0	1.00	±20%	2.20	2.60	28.8	30.5	43.0	34.0
MPXV1D1250L1R5	1.50	±20%	3.10	3.60	24.2	22.0	32.0	25.0
MPXV1D1250L2R2	2.20	±20%	4.10	4.80	21.0	20.0	28.5	21.0
MPXV1D1250L3R3	3.30	±20%	6.40	7.40	16.8	15.0	22.0	17.0
MPXV1D1250L4R7	4.70	±20%	8.80	10.10	14.4	12.0	17.5	13.0
MPXV1D1250L6R8	6.80	±20%	13.40	15.50	11.6	10.0	14.0	10.0
MPXV1D1250L100	10.00	±20%	17.90	20.60	10.1	9.0	13.5	8.5
MPXV1D1250L150	15.00	±20%	26.80	30.80	8.2	7.5	11.0	7.0
MPXV1D1250L220	22.00	±20%	40.10	46.20	6.7	6.5	9.0	6.5
MPXV1D1250L330	33.00	±20%	62.60	72.00	5.4	5.0	7.5	5.0
MPXV1D1250L470	47.00	±20%	91.60	105.40	4.5	4.0	5.5	4.0
MPXV1D1250L680	68.00	±20%	141.70	163.00	3.6	3.0	4.5	3.0
MPXV1D1264LR22	0.22	±20%	0.90	1.10	53.0	68.0	100.0	90.0
MPXV1D1264LR33	0.33	±20%	1.00	1.20	45.6	48.0	70.0	61.0
MPXV1D1264LR47	0.47	±20%	1.40	1.70	38.2	40.0	58.0	53.0
MPXV1D1264LR68	0.68	±20%	1.70	1.90	35.4	34.0	50.0	45.0
MPXV1D1264L1R0	1.00	±20%	2.00	2.30	32.2	30.0	45.0	30.0
MPXV1D1264L1R5	1.50	±20%	2.50	2.90	28.8	25.0	35.5	24.0
MPXV1D1264L2R2	2.20	±20%	3.20	3.70	25.4	23.0	32.0	20.0
MPXV1D1264L3R3	3.30	±20%	5.30	6.20	19.7	16.5	22.5	16.0
MPXV1D1264L4R7	4.70	±20%	7.10	8.20	17.1	14.0	19.5	13.0
MPXV1D1264L6R8	6.80	±20%	10.60	12.30	14.0	11.5	16.0	10.0
MPXV1D1264L100	10.00	±20%	14.00	16.10	12.2	10.0	14.0	8.5
MPXV1D1264L150	15.00	±20%	21.60	24.90	9.8	8.0	11.5	6.5
MPXV1D1264L220	22.00	±20%	30.50	35.10	8.2	7.0	9.5	5.5
MPXV1D1740LR47	0.47	±20%	1.50	1.80	34.0	52.0	75.0	46.0
MPXV1D1740LR68	0.68	±20%	1.70	2.00	32.0	37.0	55.0	38.0
MPXV1D1740L1R0	1.00	±20%	2.00	2.30	30.0	28.0	43.0	30.0
MPXV1D1740L1R5	1.50	±20%	3.30	3.80	23.5	19.5	28.0	24.0
MPXV1D1740L2R2	2.20	±20%	4.30	5.00	20.5	19.5	28.0	17.0
MPXV1D1740L3R3	3.30	±20%	7.00	8.10	16.5	18.0	27.5	14.0
MPXV1D1740L4R7	4.70	±20%	9.00	10.40	14.5	13.0	18.5	12.0
MPXV1D1740L6R8	6.80	±20%	13.80	15.90	11.5	12.0	17.0	9.0
MPXV1D1740L100	10.00	±20%	18.80	21.70	9.5	10.0	14.5	6.8
品名	インダクタンス (μH) at 100 kHz, 1 mA	インダクタンス 公差	直流抵抗 ($\text{m}\Omega$) Typical	直流抵抗 ($\text{m}\Omega$) Maximum	定格電流 (A)			自己共振 周波数 (MHz)
					Irms ¹ (Ref.)	Isat ² (Ref.)	Isat ³ (Ref.)	

¹ 40℃温度上昇時

² 20%インダクタンス低下時

³ 30%インダクタンス低下時

電気特性データは25℃を基準としています。

品名	インダクタンス (μH) at 100 kHz, 1 mA	インダクタンス 公差	直流抵抗 ($\text{m}\Omega$) Typical	直流抵抗 ($\text{m}\Omega$) Maximum	定格電流 (A)			自己共振 周波数 (MHz)
					I_{rms}^1 (Ref.)	I_{sat}^2 (Ref.)	I_{sat}^3 (Ref.)	
MPXV1D1740L150	15.00	$\pm 20\%$	30.60	35.20	7.5	9.0	13.0	6.0
MPXV1D1740L220	22.00	$\pm 20\%$	40.30	46.40	6.5	7.0	10.0	5.0
MPXV1D1740L330	33.00	$\pm 20\%$	71.50	82.30	5.0	5.5	8.0	4.0
MPXV1D1740L470	47.00	$\pm 20\%$	109.30	125.70	4.0	4.4	6.5	2.5
MPXV1D1770LR47	0.47	$\pm 20\%$	0.87	1.00	52.5	72.0	108.0	45.0
MPXV1D1770LR68	0.68	$\pm 20\%$	0.91	1.05	50.0	46.0	68.0	37.0
MPXV1D1770L1R0	1.00	$\pm 20\%$	1.50	1.80	38.0	42.0	62.0	27.0
MPXV1D1770L1R5	1.50	$\pm 20\%$	1.50	1.80	38.0	31.0	45.0	18.0
MPXV1D1770L2R2	2.20	$\pm 20\%$	2.20	2.60	31.0	25.0	34.0	15.0
MPXV1D1770L3R3	3.30	$\pm 20\%$	2.90	3.40	28.0	24.0	30.5	13.0
MPXV1D1770L4R7	4.70	$\pm 20\%$	4.10	4.80	23.5	24.0	33.5	10.0
MPXV1D1770L6R8	6.80	$\pm 20\%$	5.90	6.80	19.5	18.0	26.0	8.0
MPXV1D1770L100	10.00	$\pm 20\%$	10.60	12.20	14.5	11.5	16.5	7.0
MPXV1D1770L150	15.00	$\pm 20\%$	15.40	17.80	12.0	10.5	14.0	5.5
MPXV1D1770L220	22.00	$\pm 20\%$	19.90	22.90	10.5	8.5	12.0	4.5
MPXV1D1770L330	33.00	$\pm 20\%$	41.10	47.30	7.5	8.5	12.0	3.5
MPXV1D1770L470	47.00	$\pm 20\%$	54.60	62.80	6.5	7.5	10.5	2.8
MPXV1D1770L680	68.00	$\pm 20\%$	69.10	79.50	5.5	6.0	8.5	2.3
MPXV1D1770L101	100.00	$\pm 20\%$	95.90	110.30	4.5	5.6	7.5	1.8
MPXV1D2213LR47	0.47	$\pm 20\%$	0.42	0.48	90.0	96.0	140.0	45.0
MPXV1D2213LR68	0.68	$\pm 20\%$	0.72	0.83	78.0	80.0	115.0	34.0
MPXV1D2213L1R0	1.00	$\pm 20\%$	0.80	1.00	74.0	58.0	84.0	22.0
MPXV1D2213L1R5	1.50	$\pm 20\%$	0.96	1.20	68.0	42.0	60.0	17.0
MPXV1D2213L2R2	2.20	$\pm 20\%$	1.20	1.40	59.0	38.0	56.0	14.0
MPXV1D2213L3R3	3.30	$\pm 20\%$	1.50	1.80	54.0	34.0	48.0	11.0
MPXV1D2213L4R7	4.70	$\pm 20\%$	1.90	2.20	48.0	28.0	40.0	9.0
MPXV1D2213L6R8	6.80	$\pm 20\%$	2.80	3.30	39.0	30.0	42.0	6.5
MPXV1D2213L100	10.00	$\pm 20\%$	3.80	4.40	34.0	26.0	36.0	5.2
MPXV1D2213L150	15.00	$\pm 20\%$	5.90	6.80	27.5	22.0	30.0	4.0
MPXV1D2213L220	22.00	$\pm 20\%$	11.40	13.20	19.5	15.0	20.5	3.7
MPXV1D2213L330	33.00	$\pm 20\%$	13.90	16.00	17.5	15.0	20.5	2.9
MPXV1D2213L470	47.00	$\pm 20\%$	17.80	20.50	15.5	13.5	19.0	2.5
MPXV1D2213L680	68.00	$\pm 20\%$	26.70	30.80	12.5	10.0	14.0	2.1
MPXV1D2213L101	100.00	$\pm 20\%$	41.20	47.40	10.0	8.0	10.5	1.6
品名	インダクタンス (μH) at 100 kHz, 1 mA	インダクタンス 公差	直流抵抗 ($\text{m}\Omega$) Typical	直流抵抗 ($\text{m}\Omega$) Maximum	定格電流 (A)			自己共振 周波数 (MHz)
					I_{rms}^1 (Ref.)	I_{sat}^2 (Ref.)	I_{sat}^3 (Ref.)	

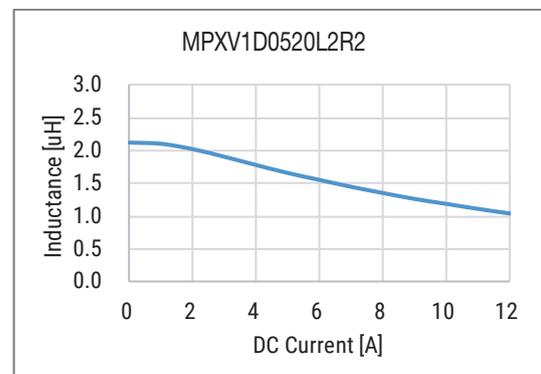
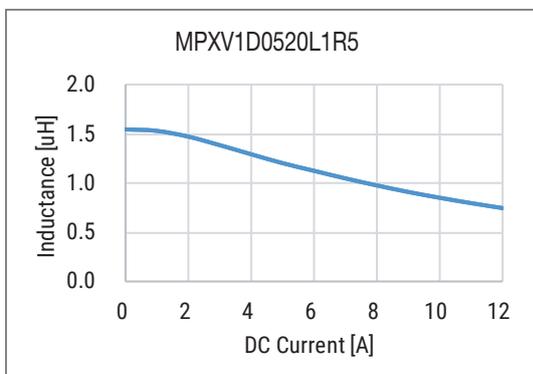
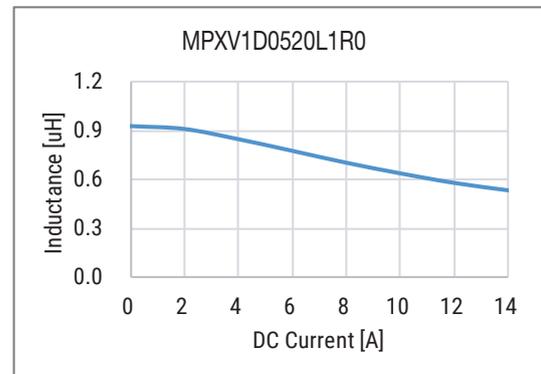
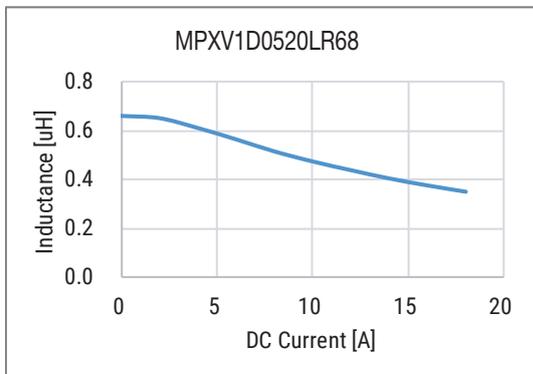
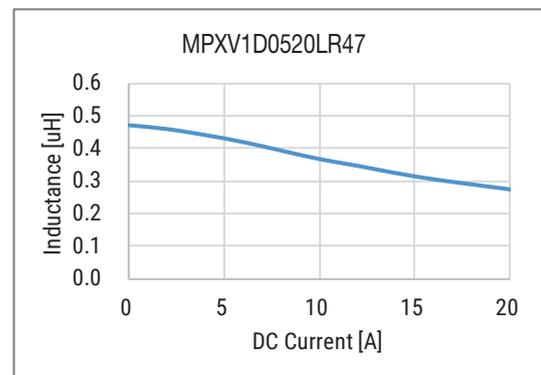
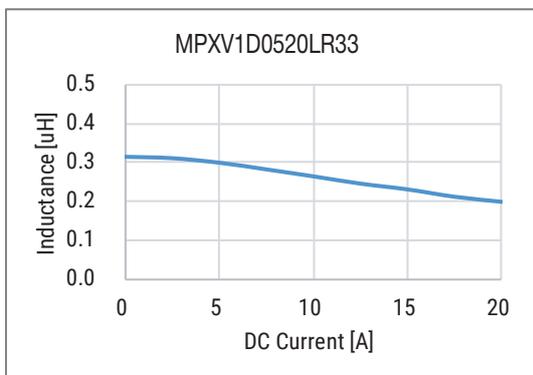
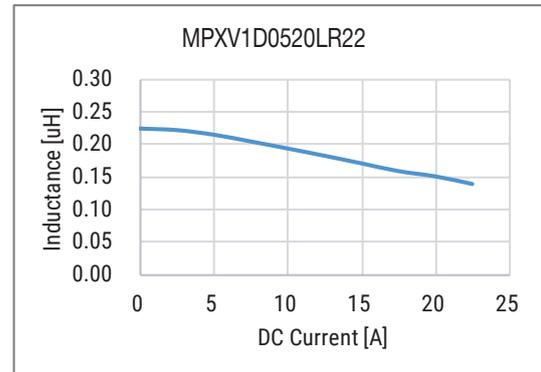
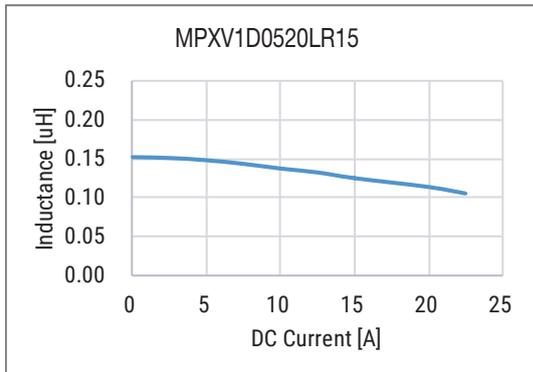
¹ 40°C温度上昇時

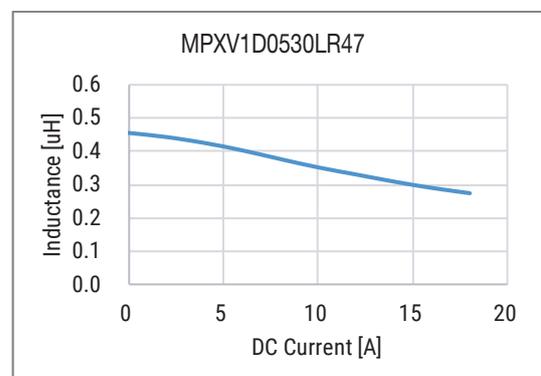
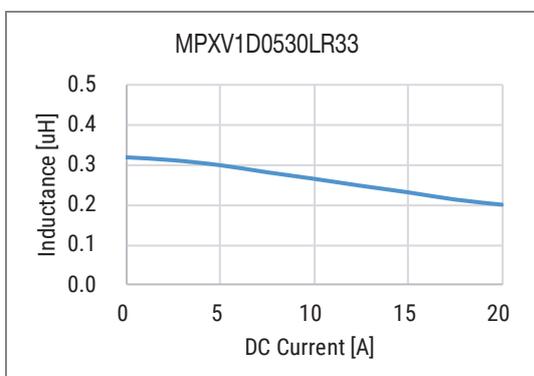
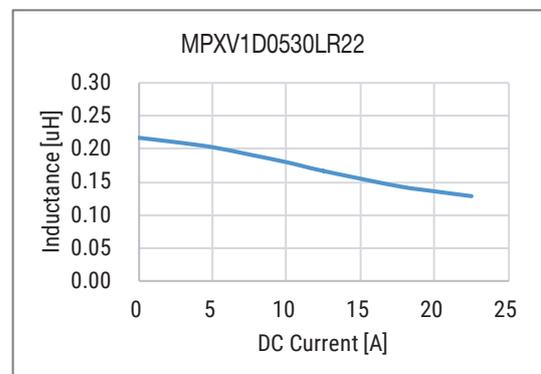
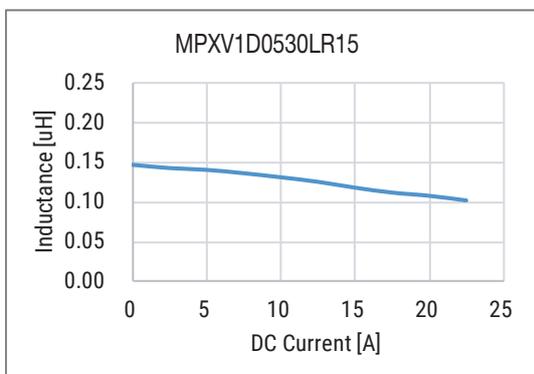
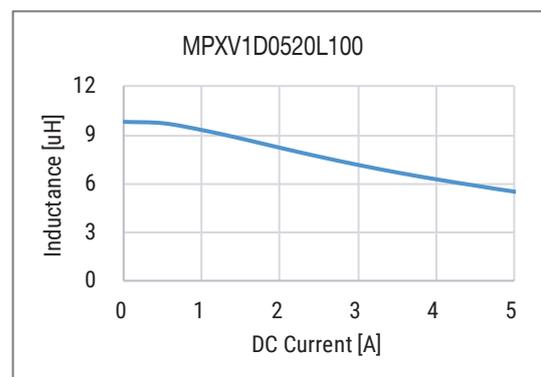
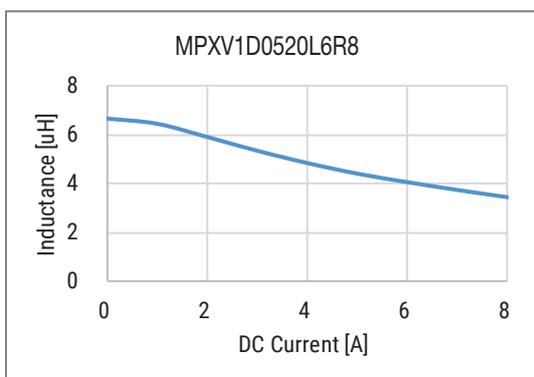
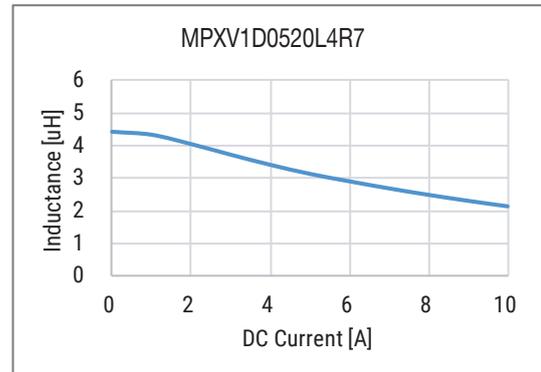
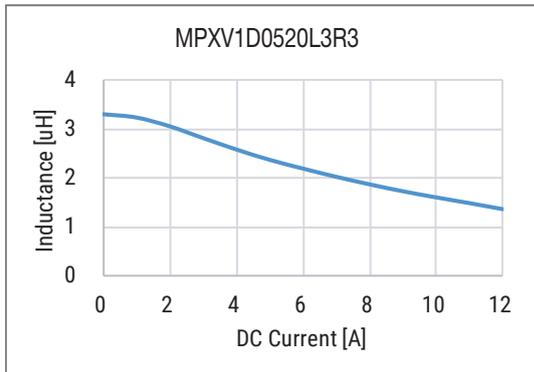
² 20%インダクタンス低下時

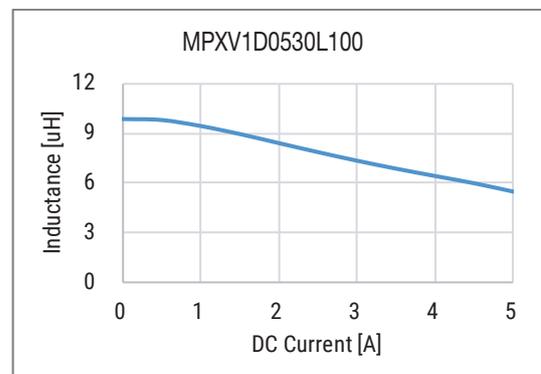
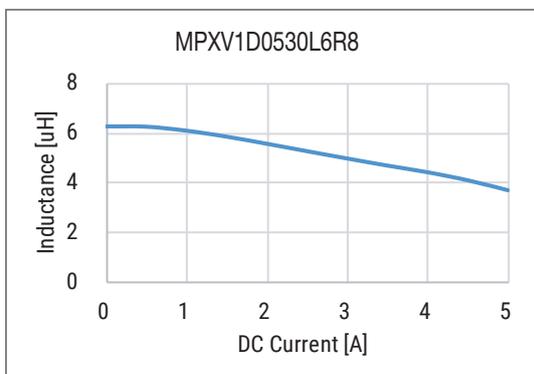
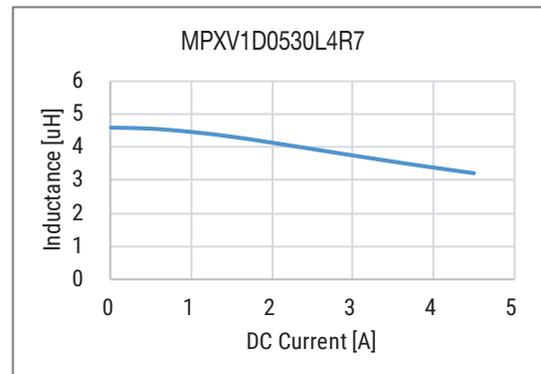
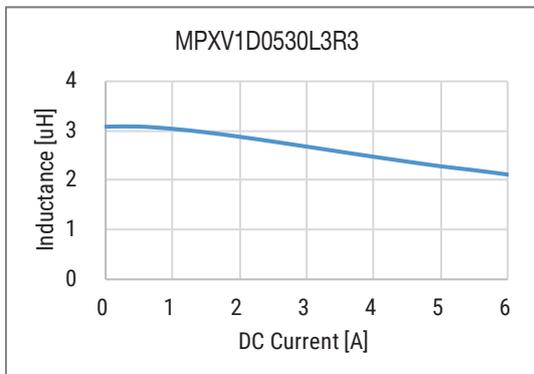
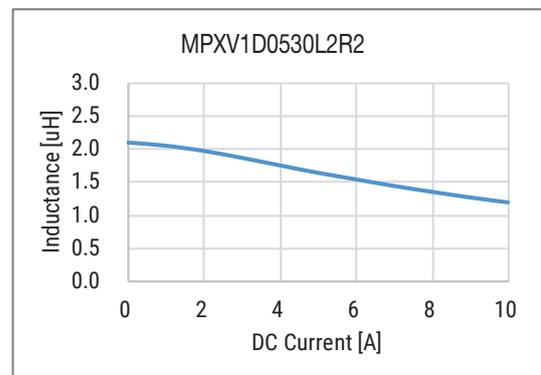
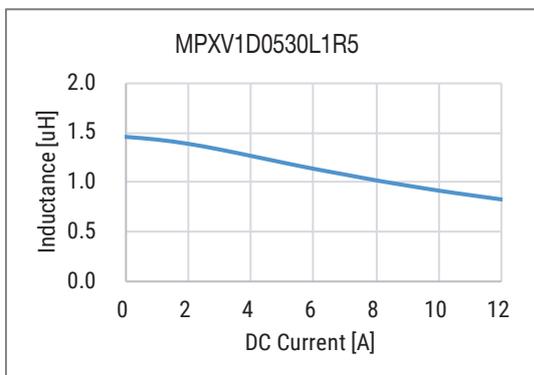
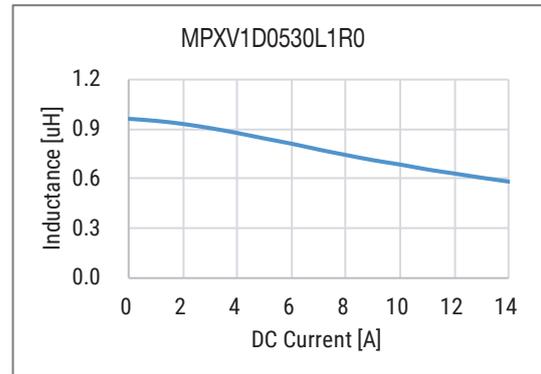
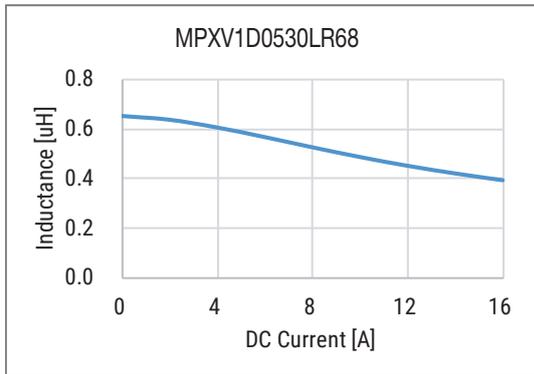
³ 30%インダクタンス低下時

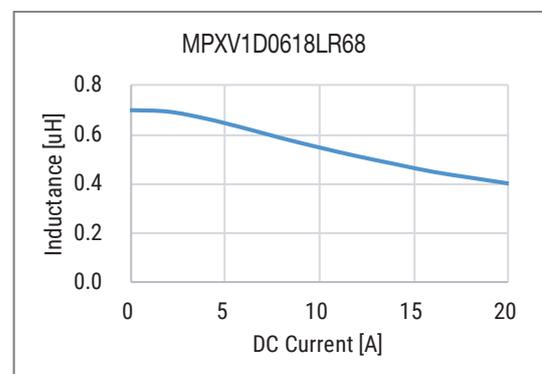
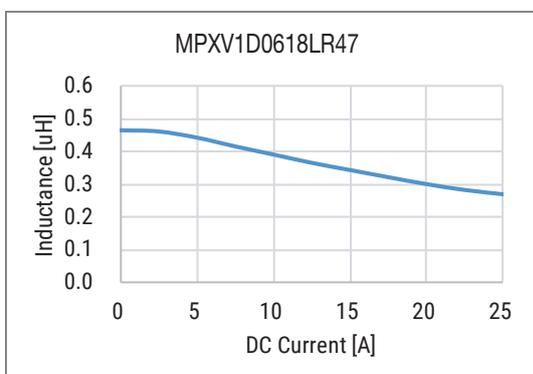
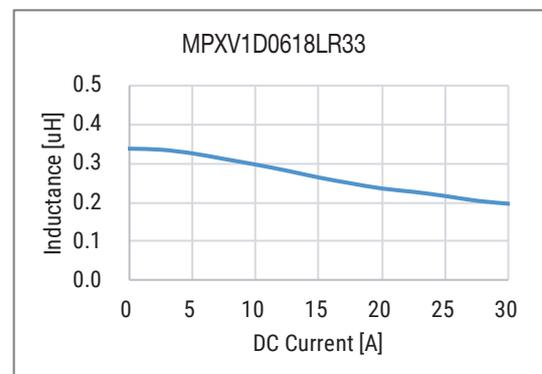
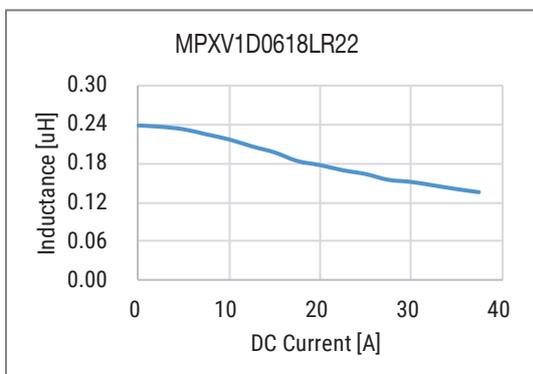
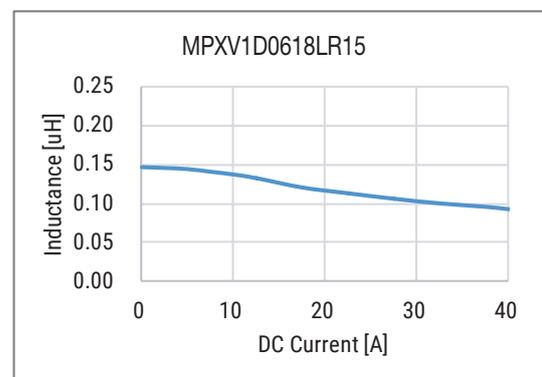
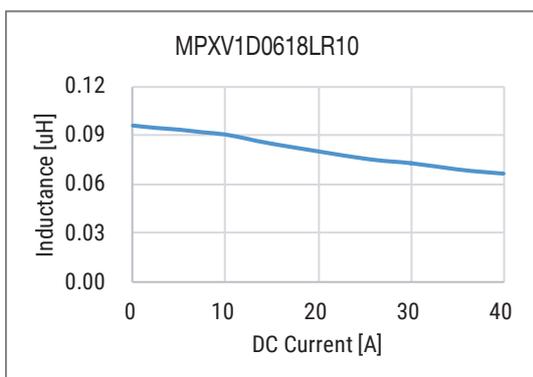
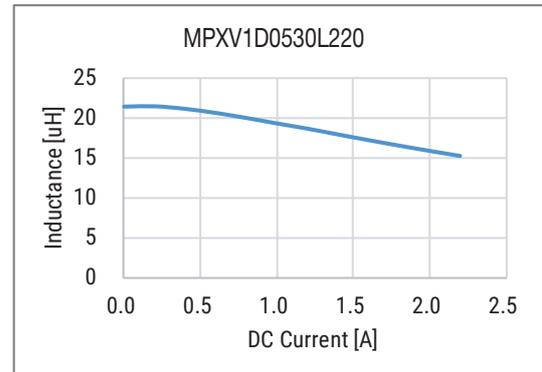
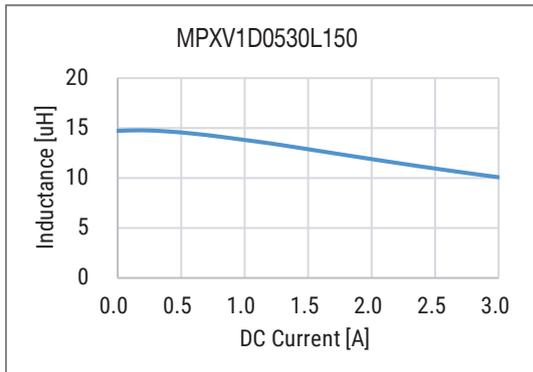
電気特性データは25°Cを基準としています。

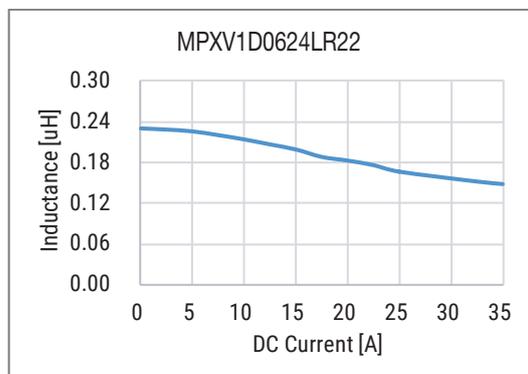
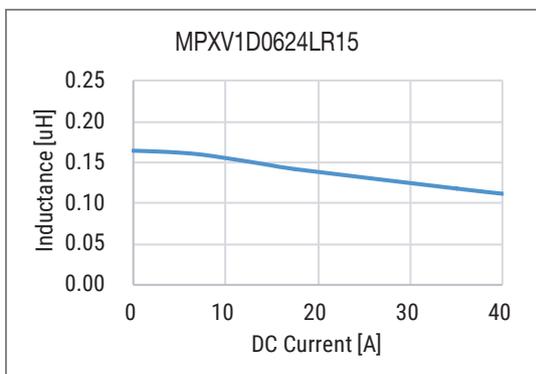
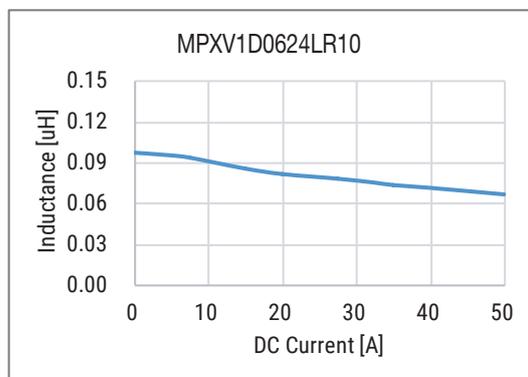
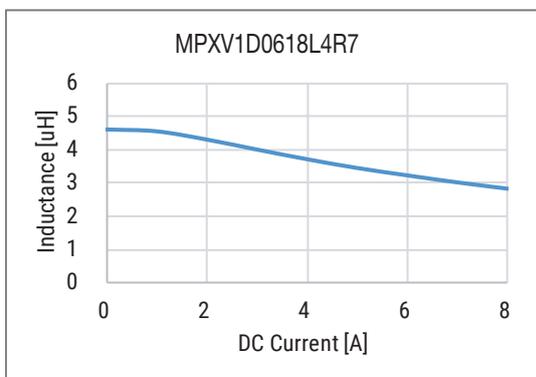
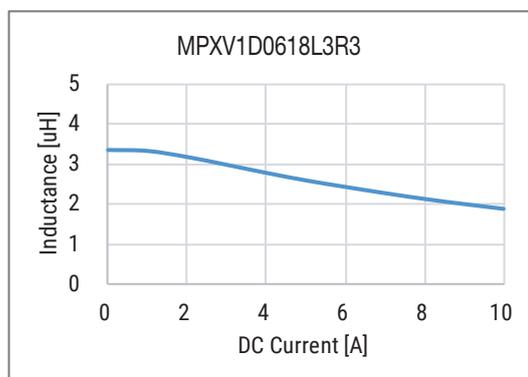
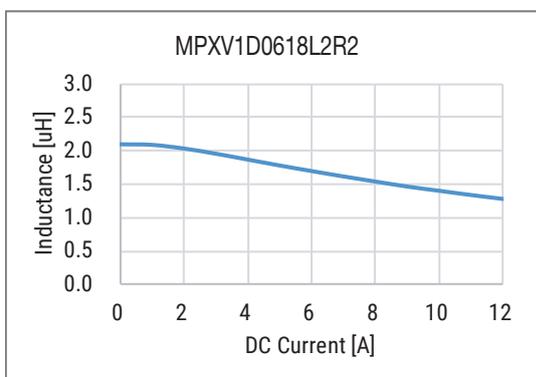
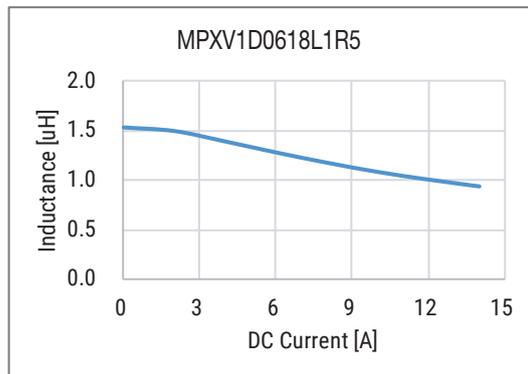
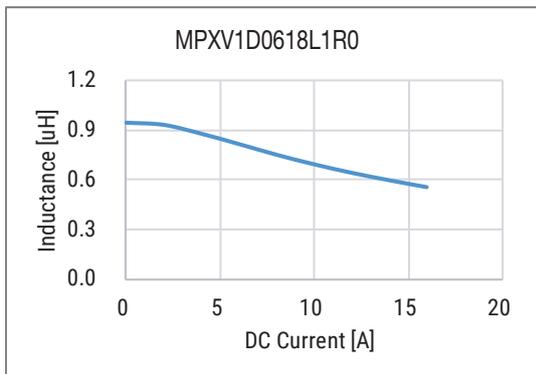
直流重畳特性

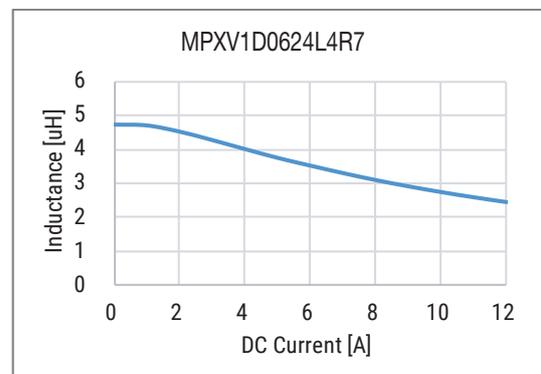
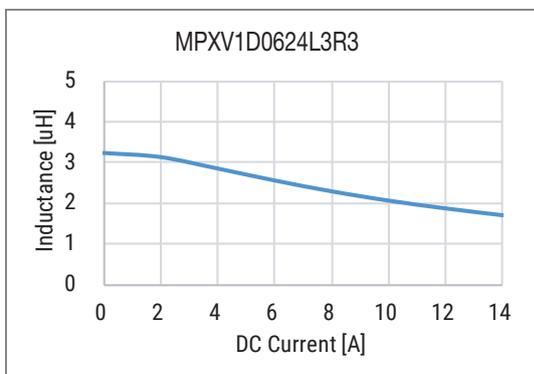
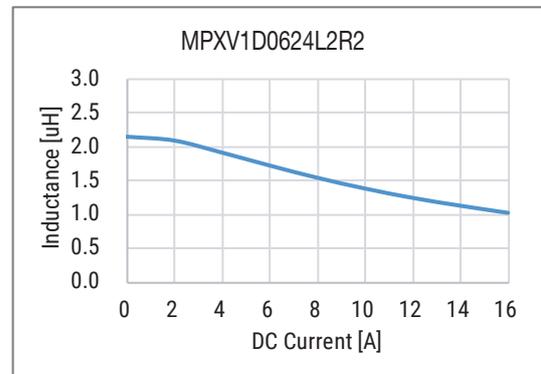
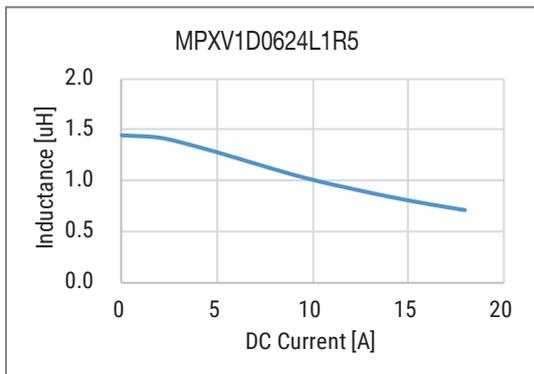
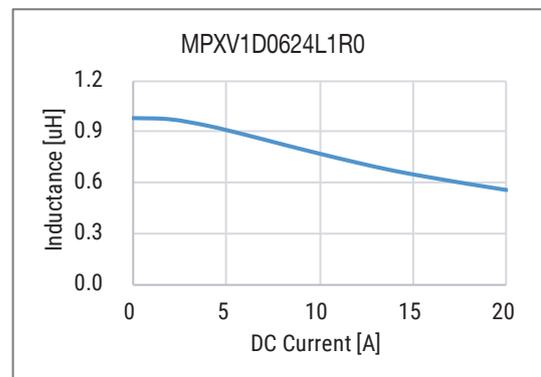
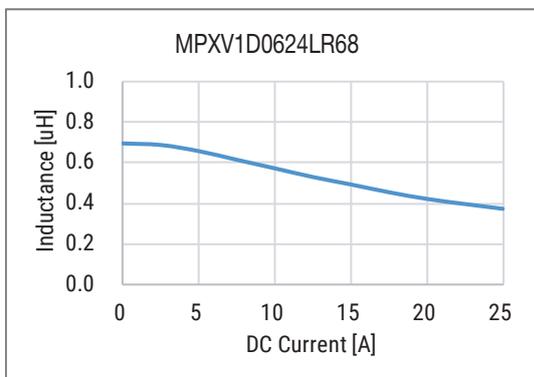
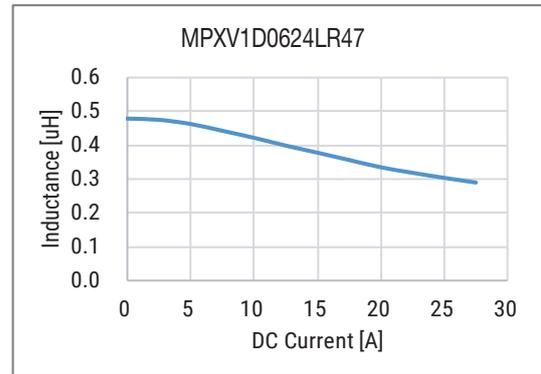
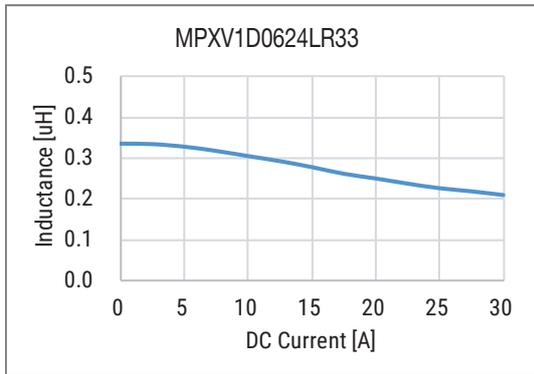


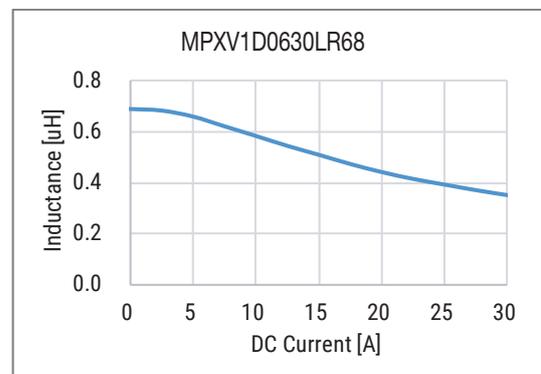
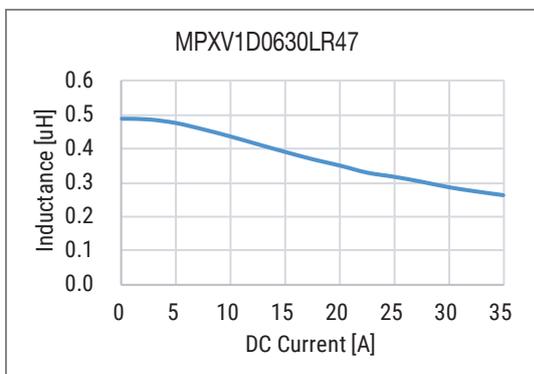
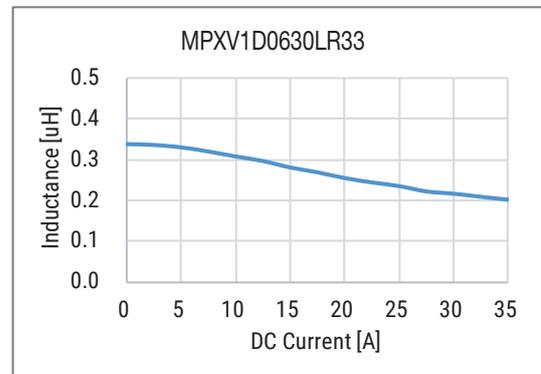
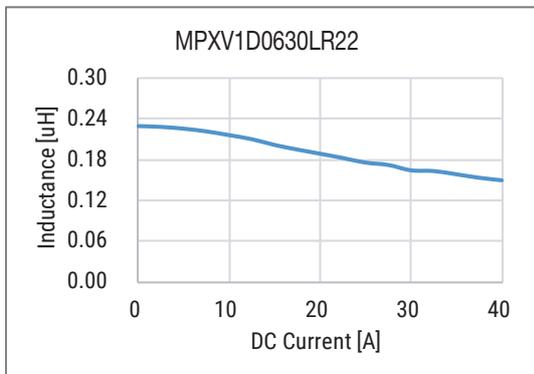
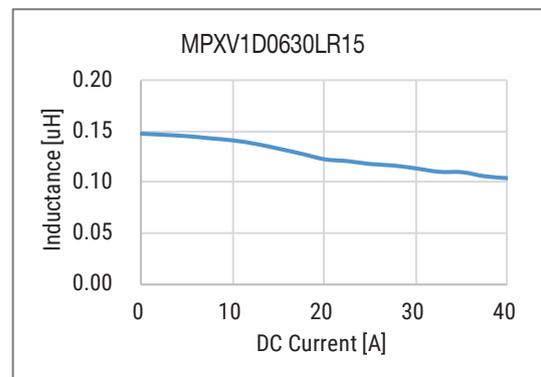
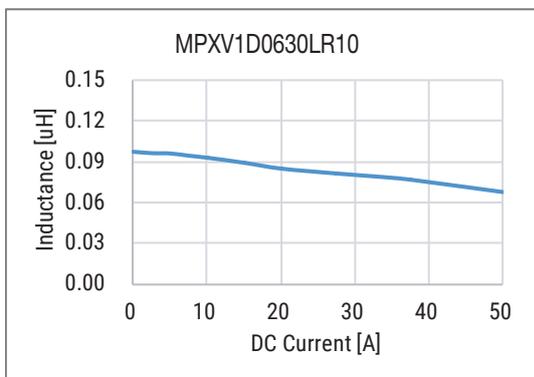
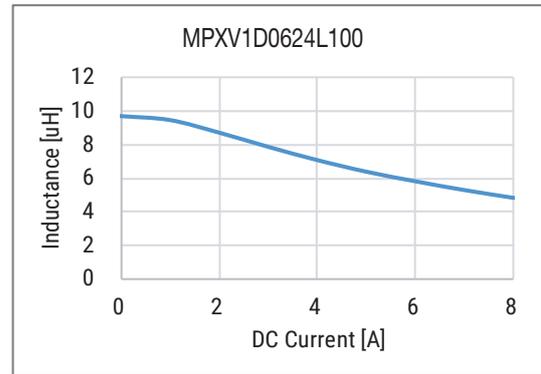
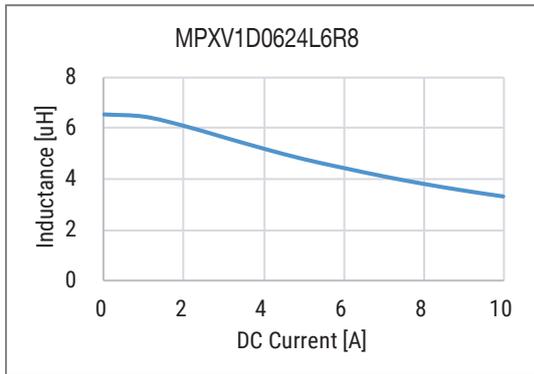


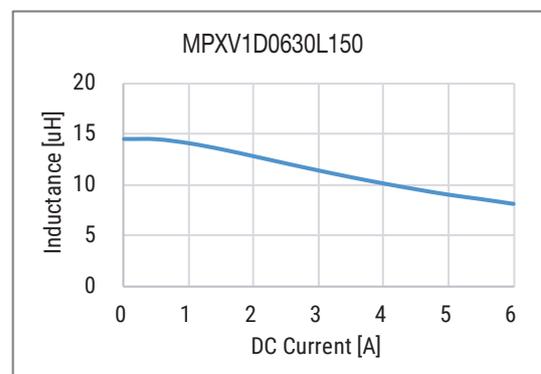
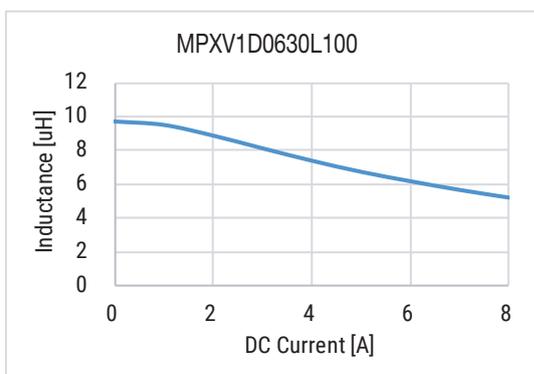
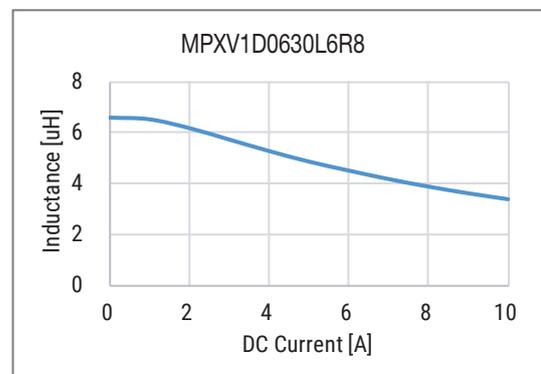
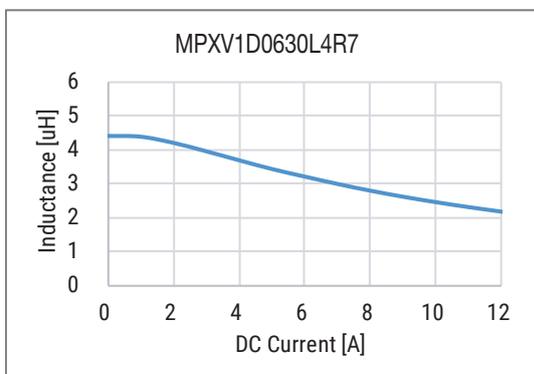
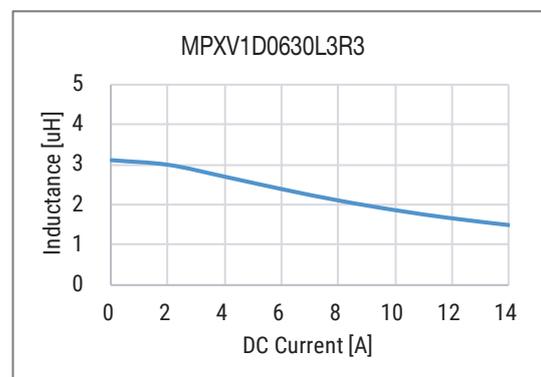
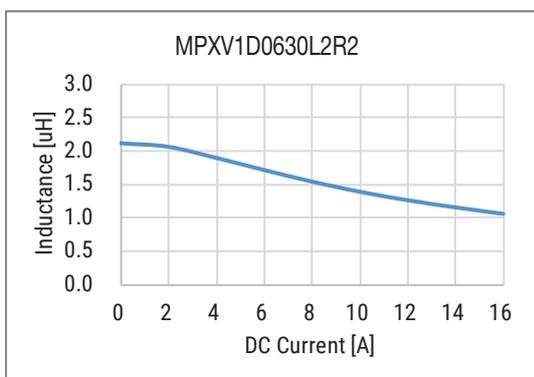
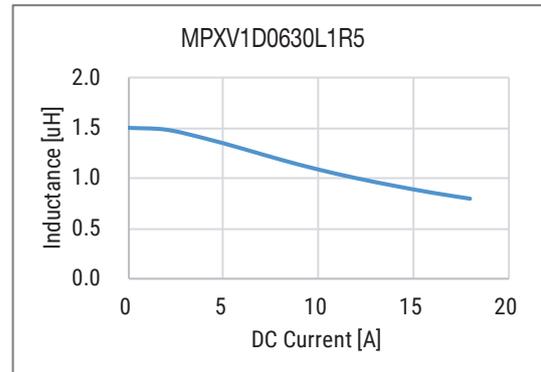
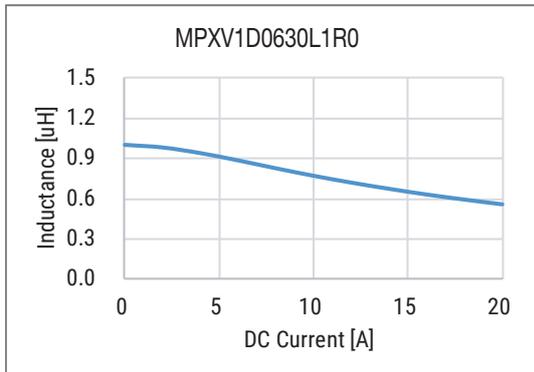


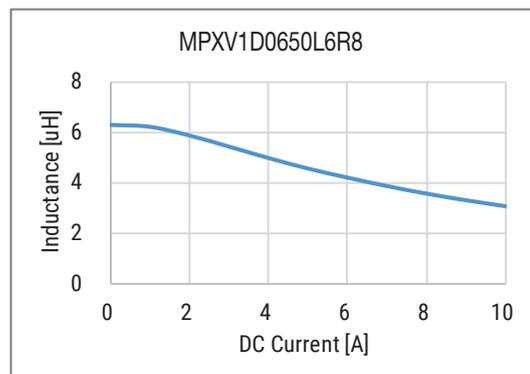
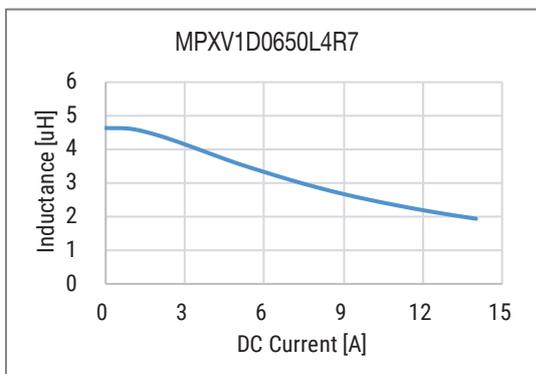
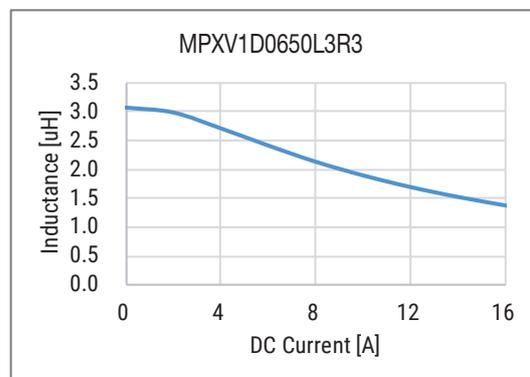
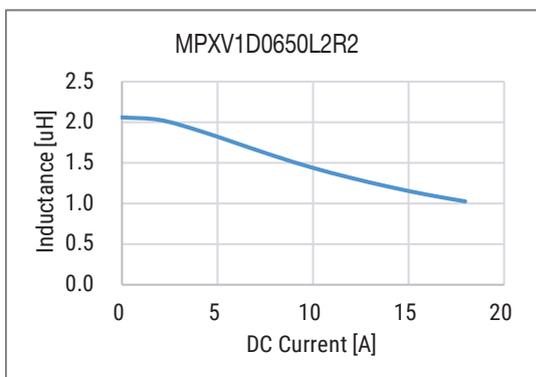
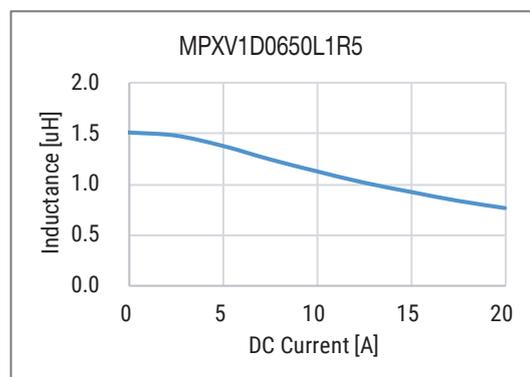
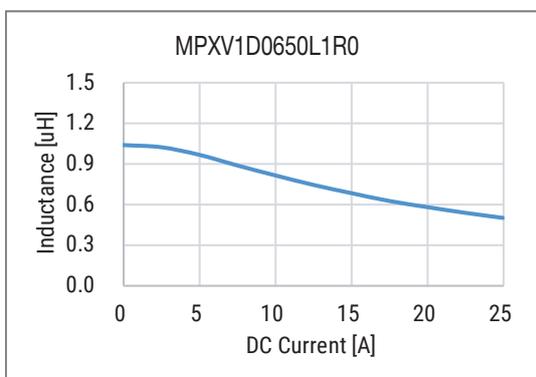
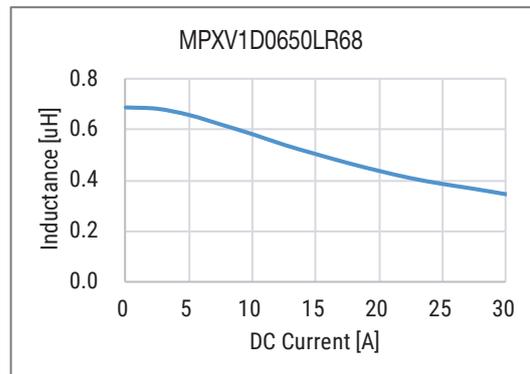
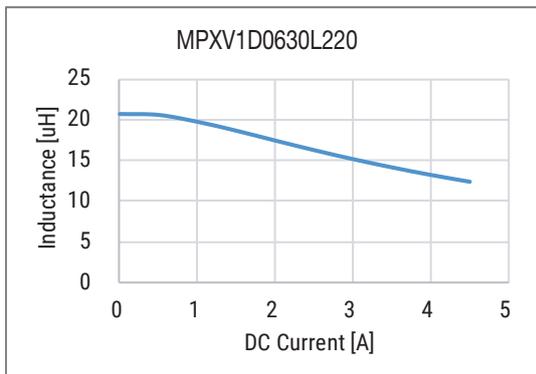


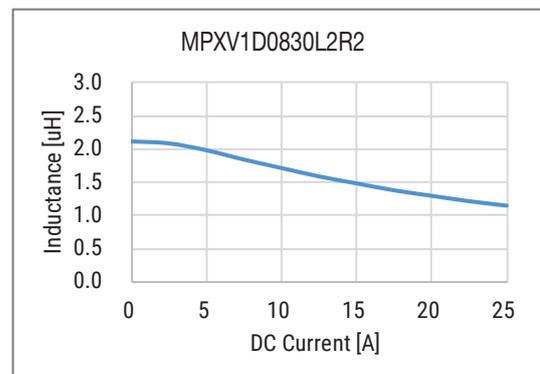
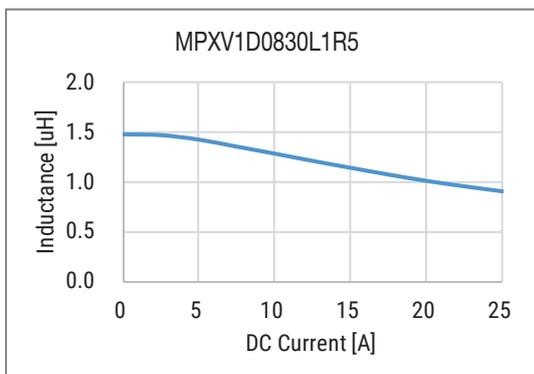
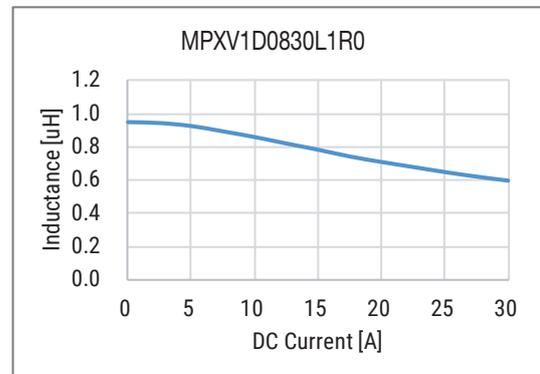
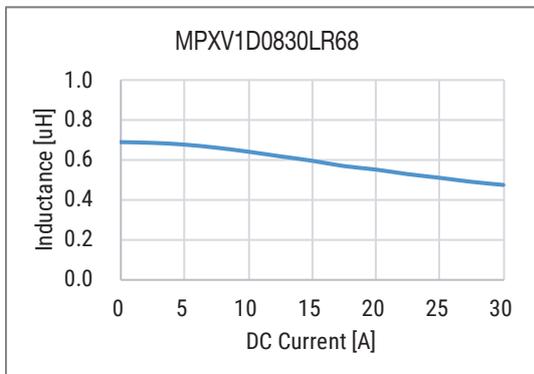
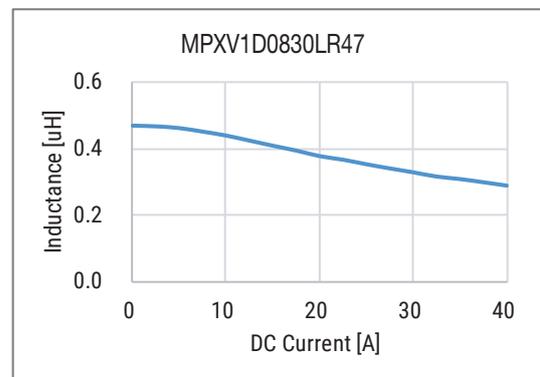
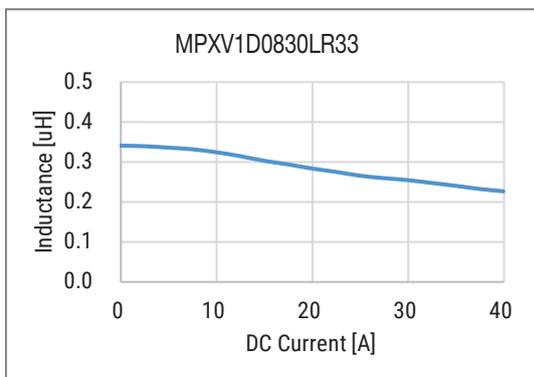
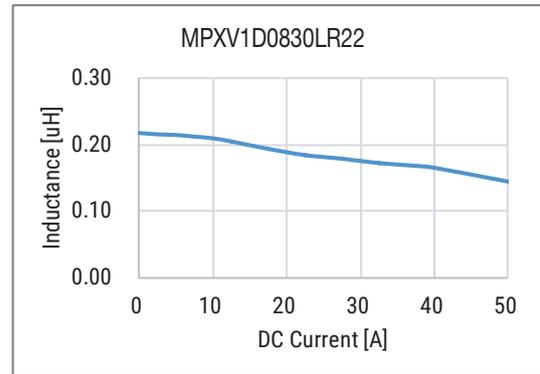
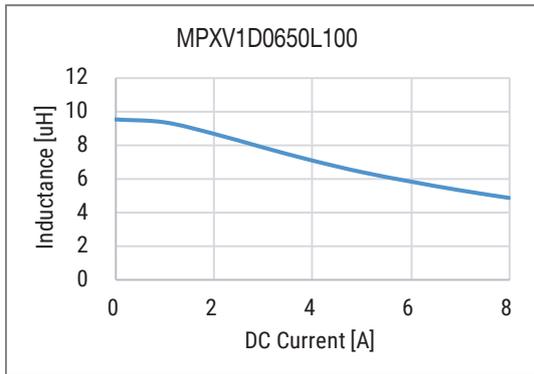


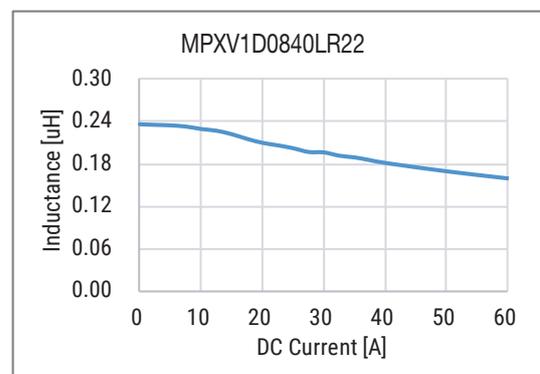
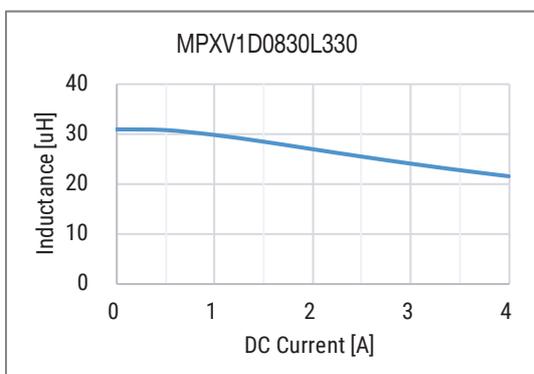
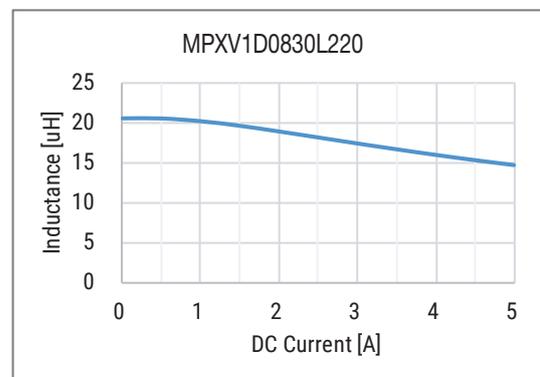
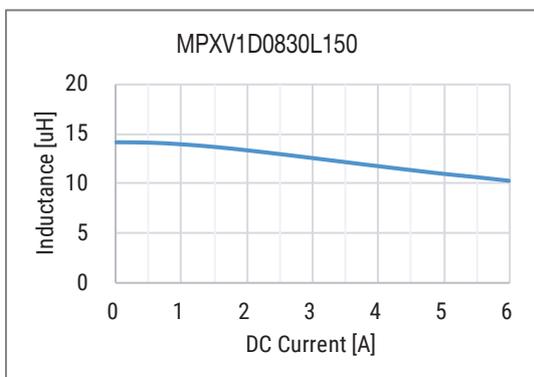
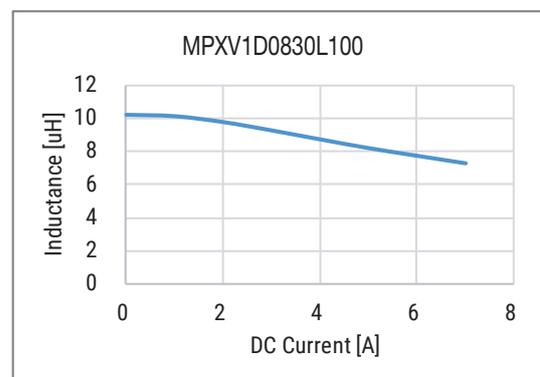
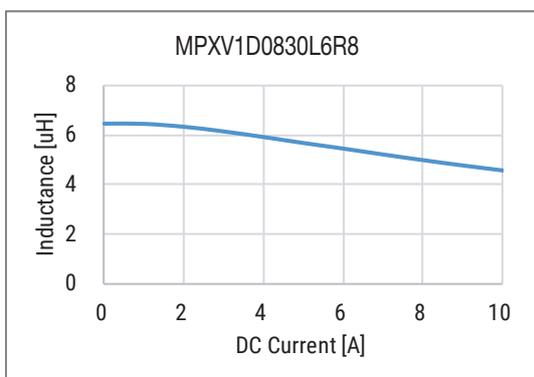
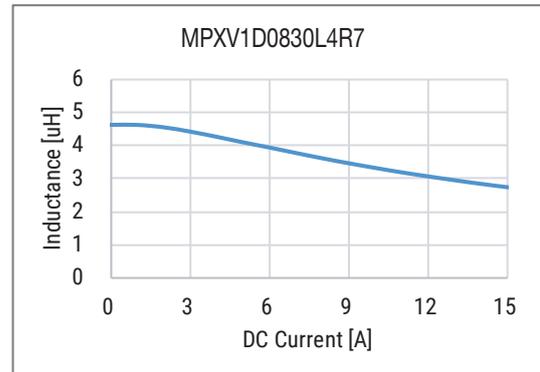
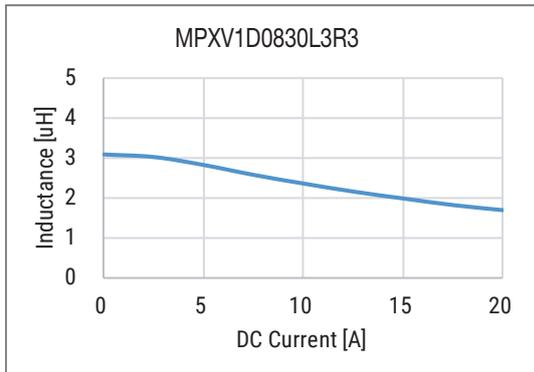


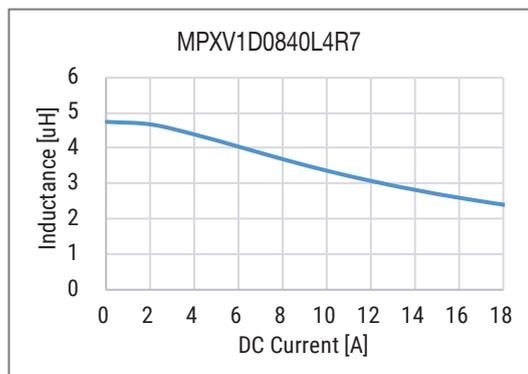
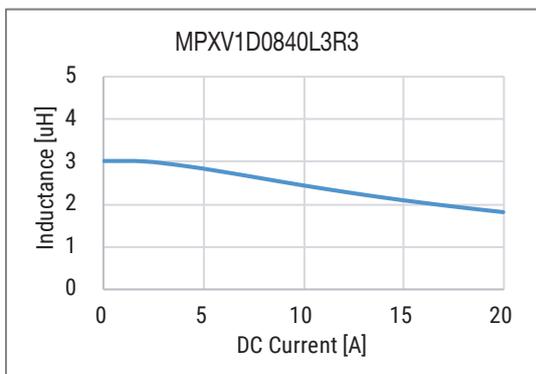
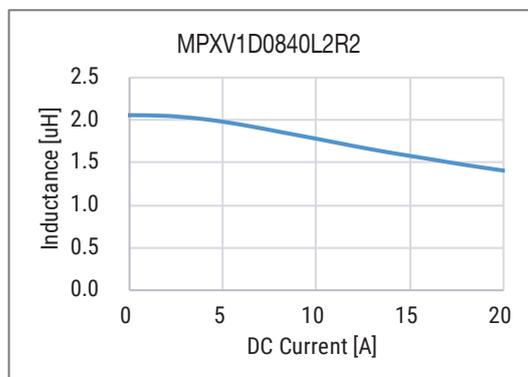
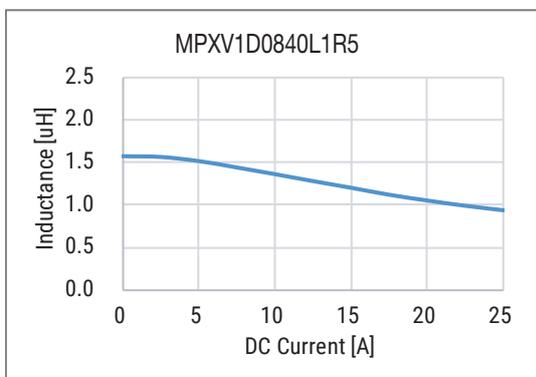
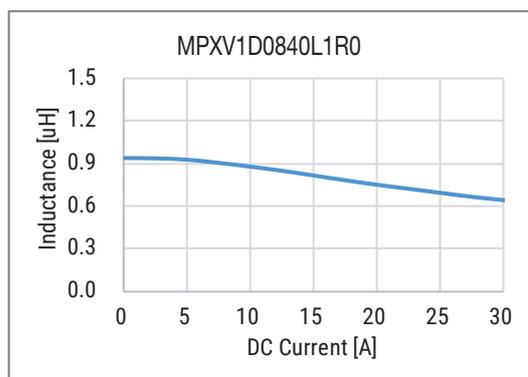
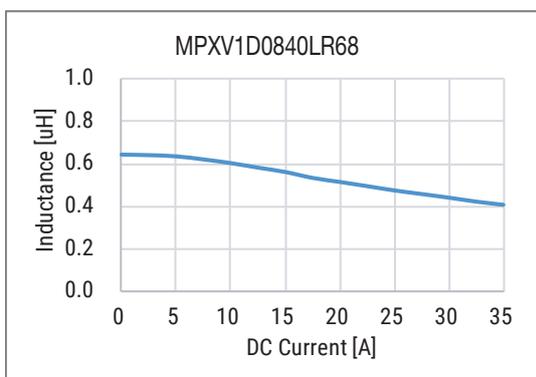
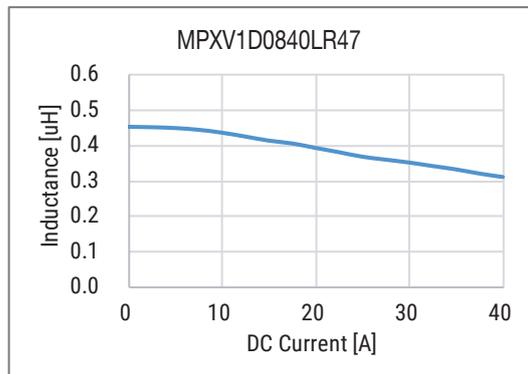
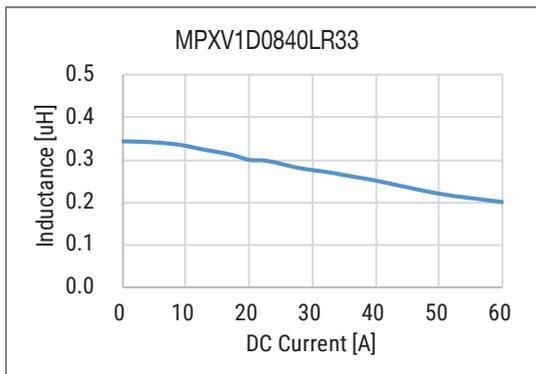


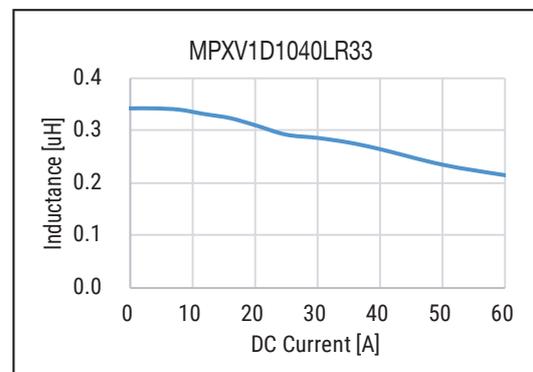
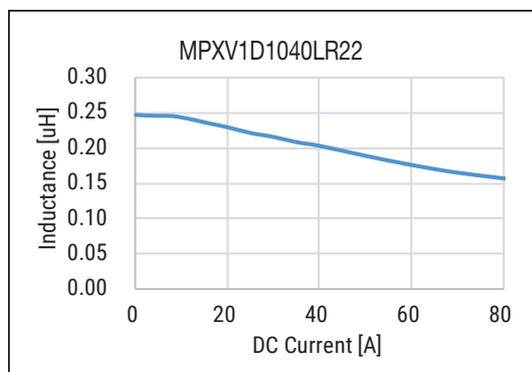
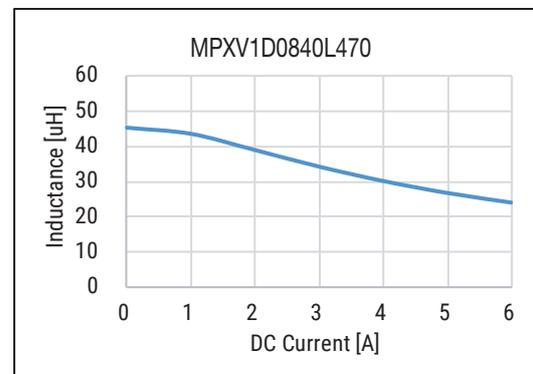
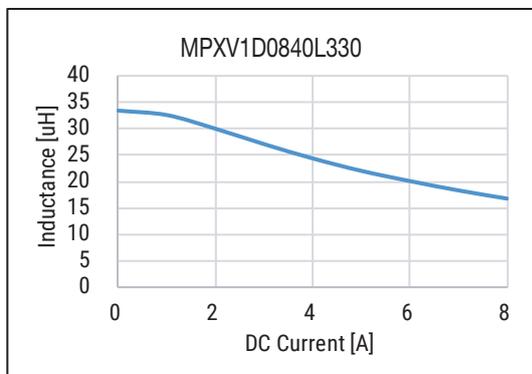
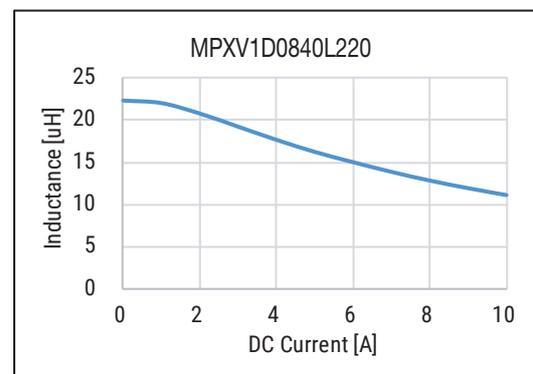
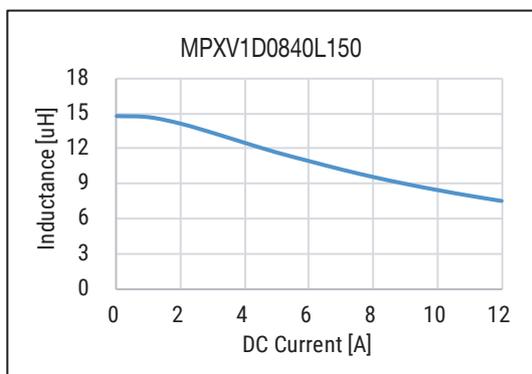
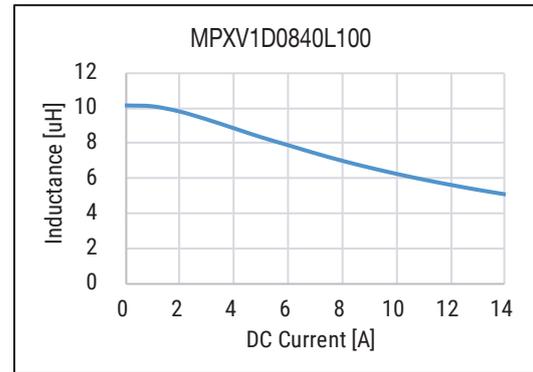
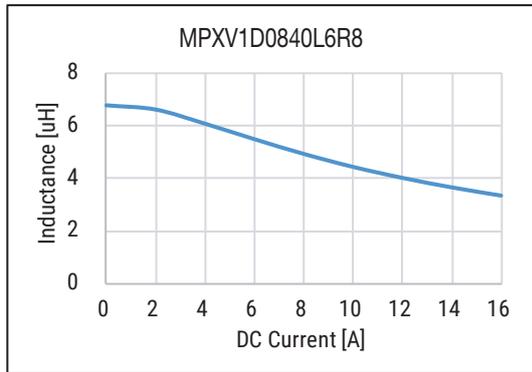


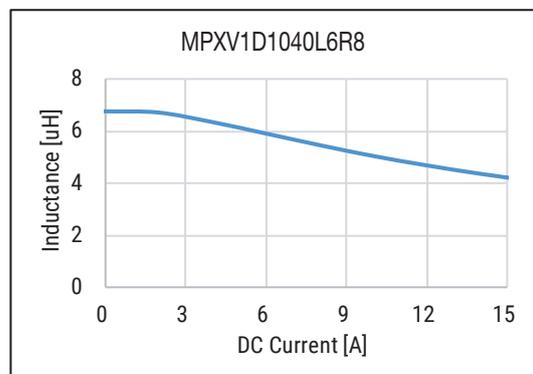
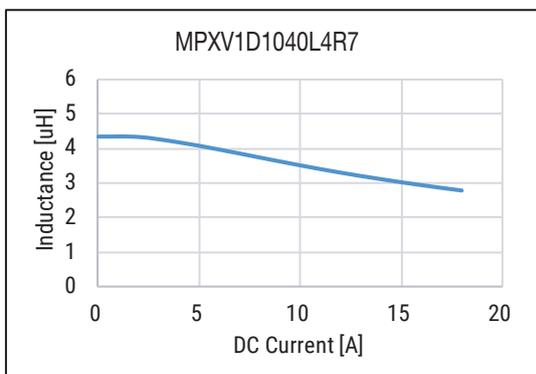
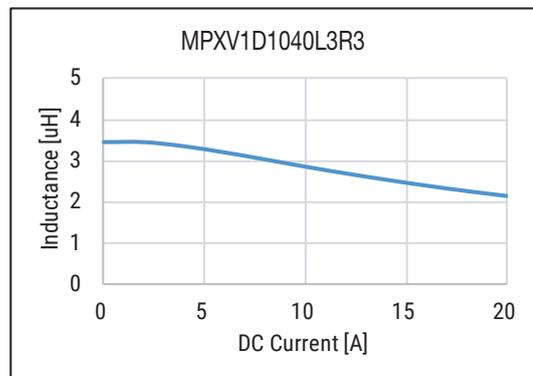
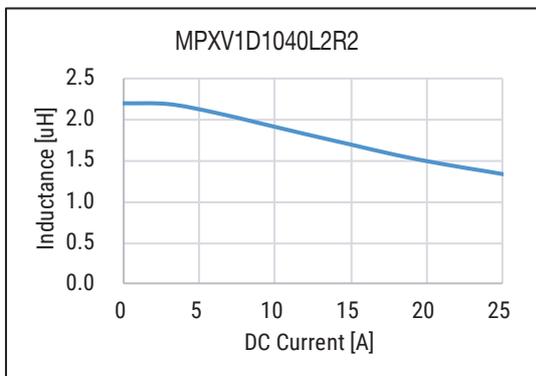
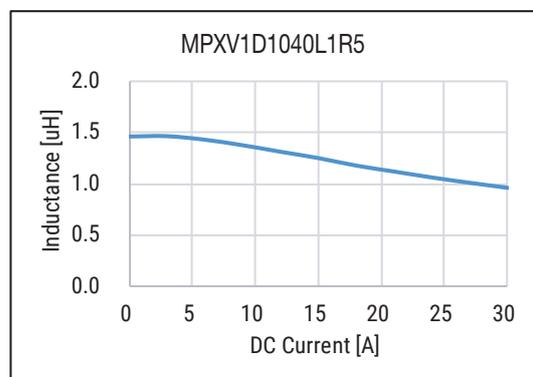
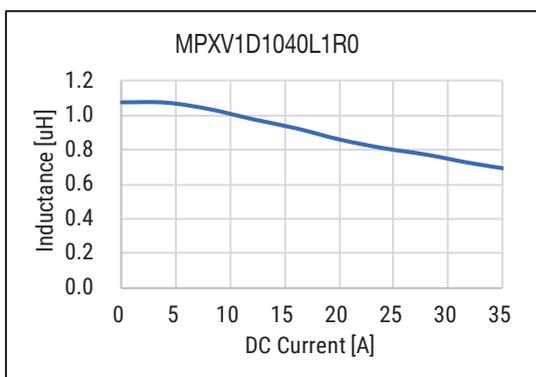
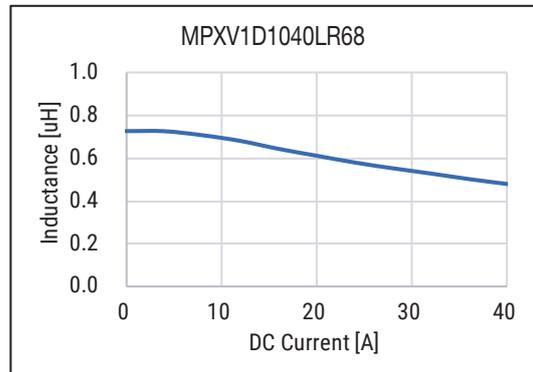
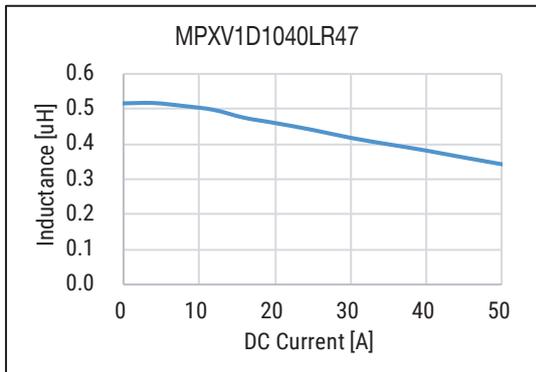


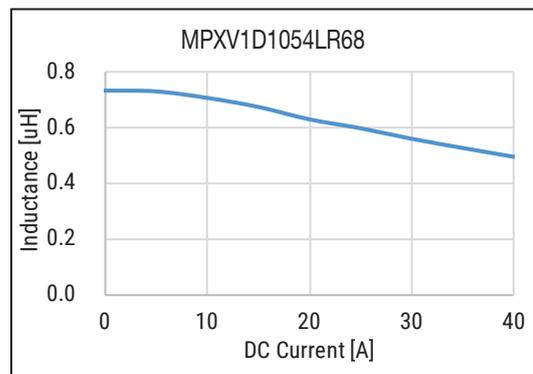
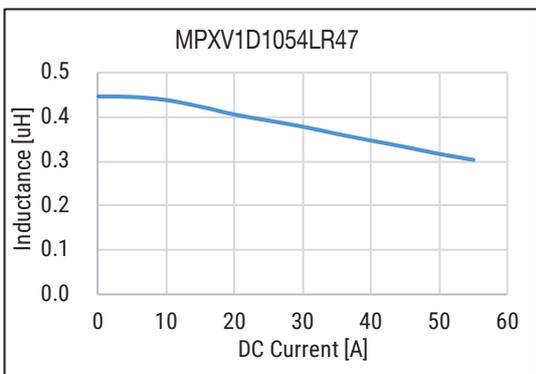
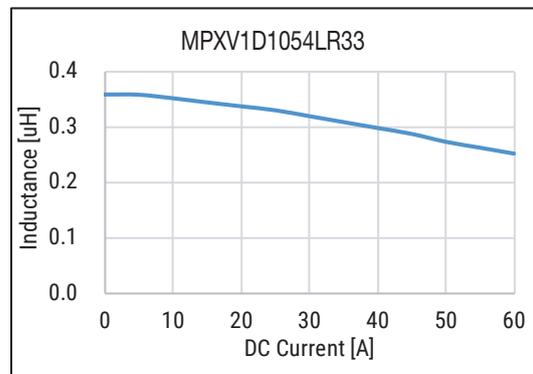
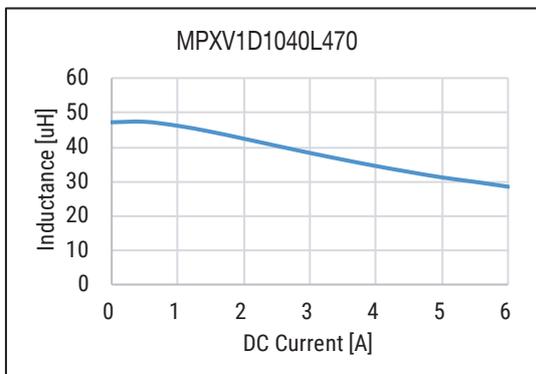
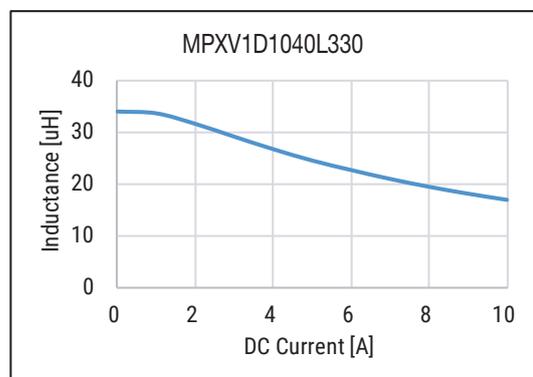
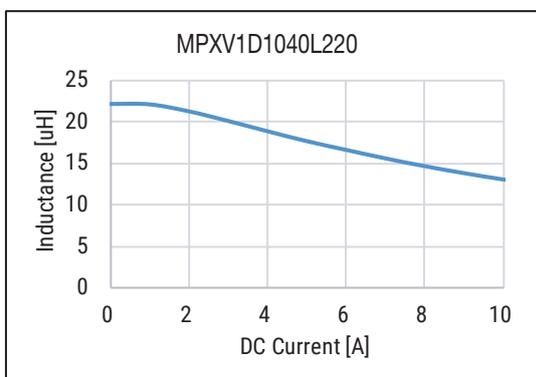
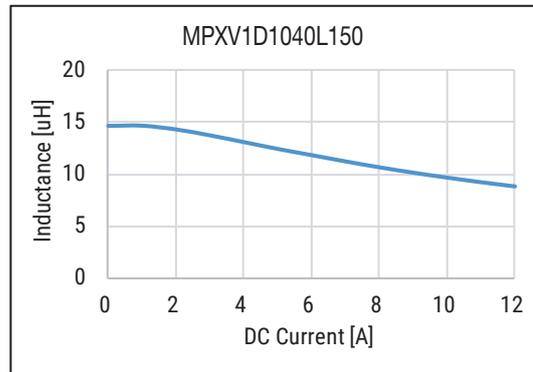
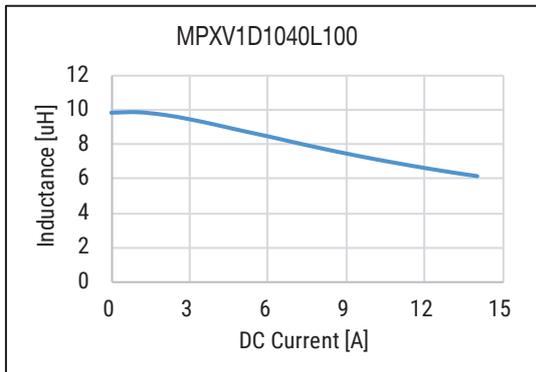


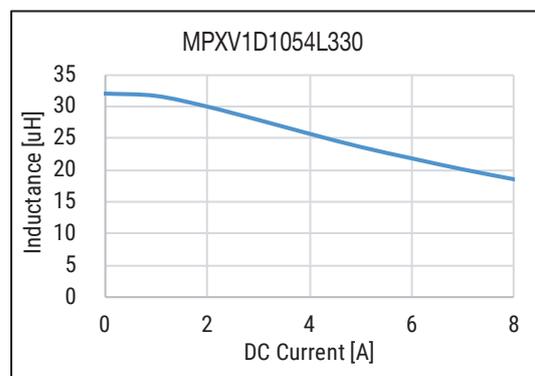
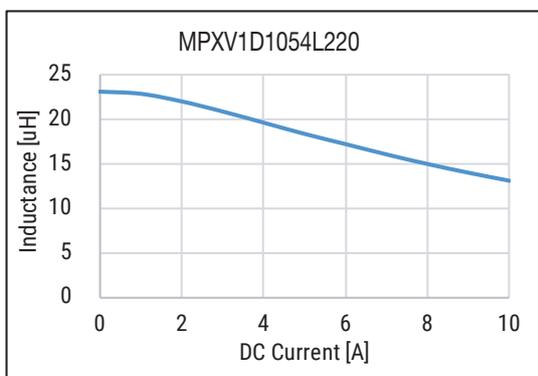
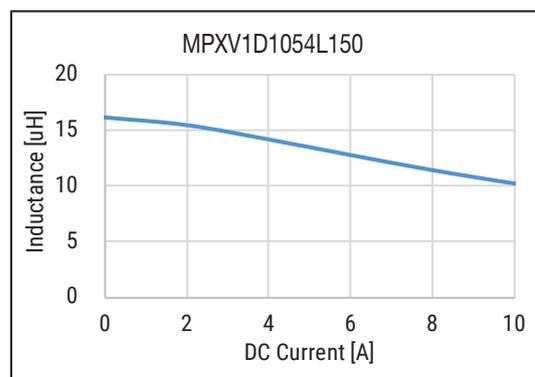
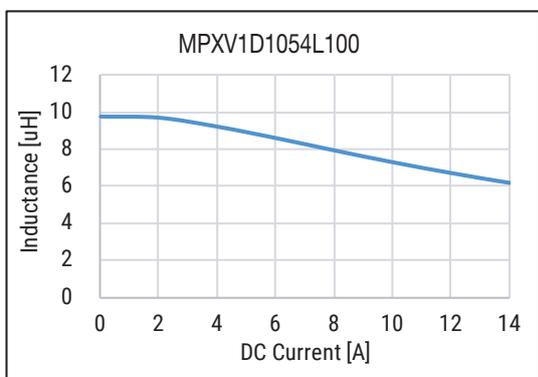
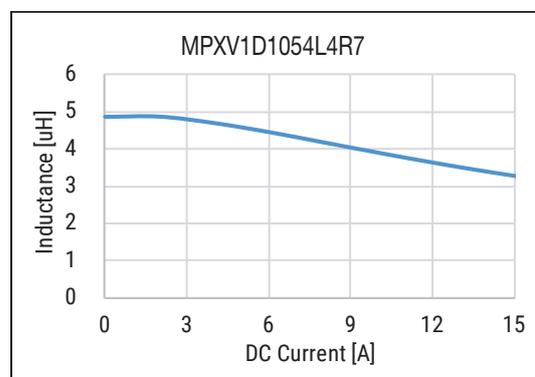
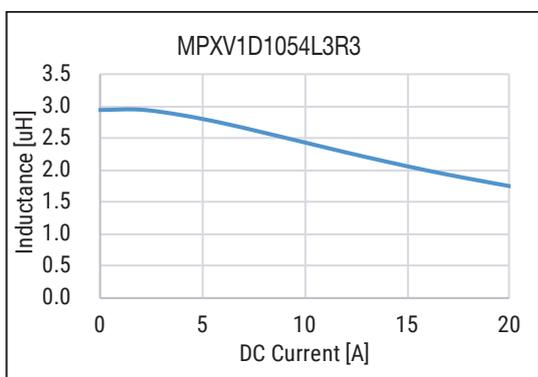
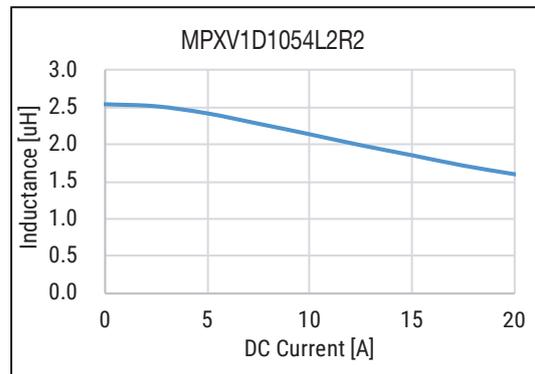
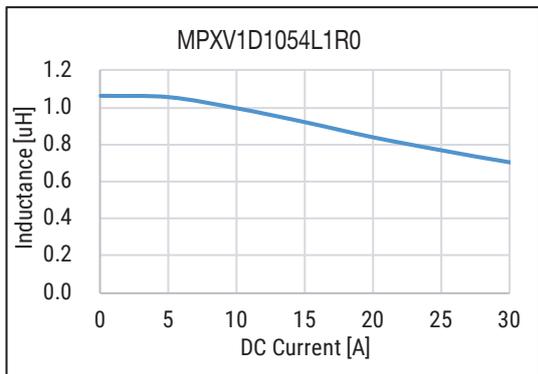


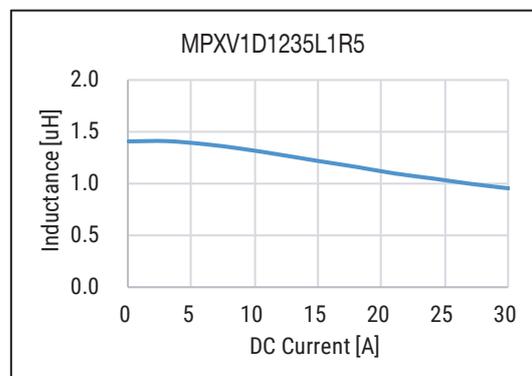
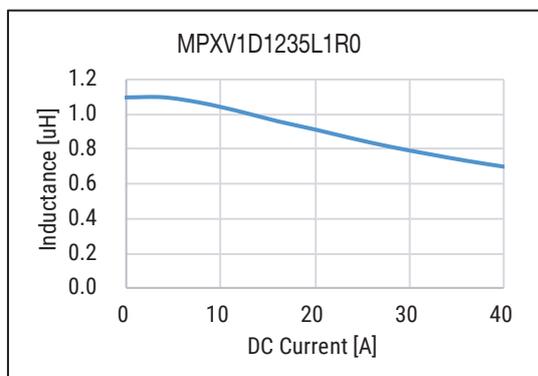
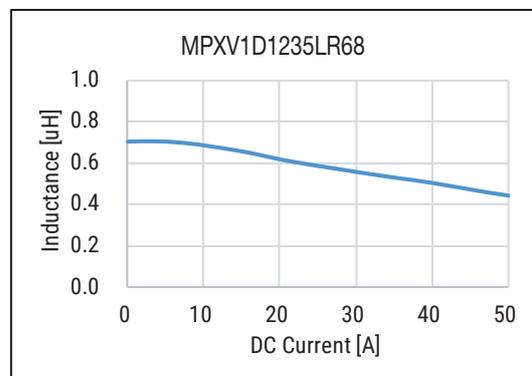
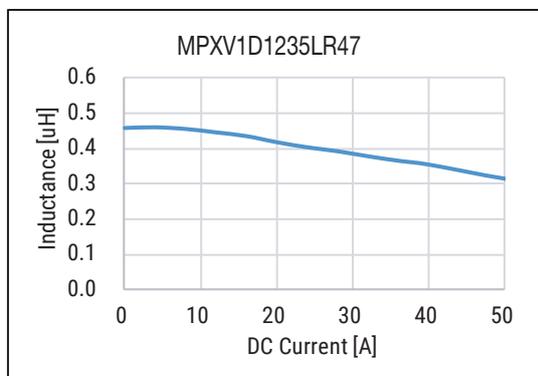
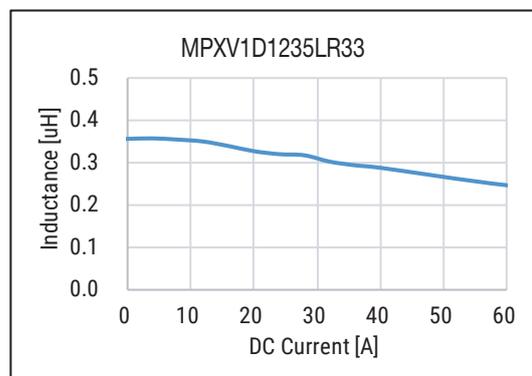
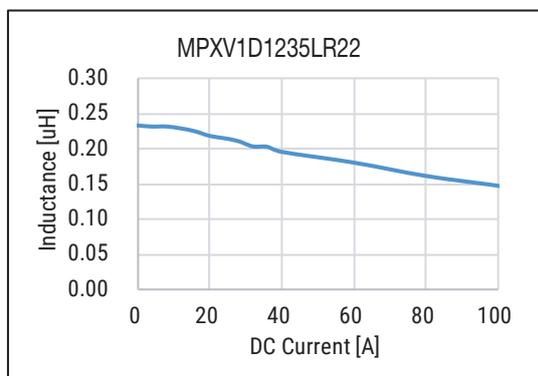
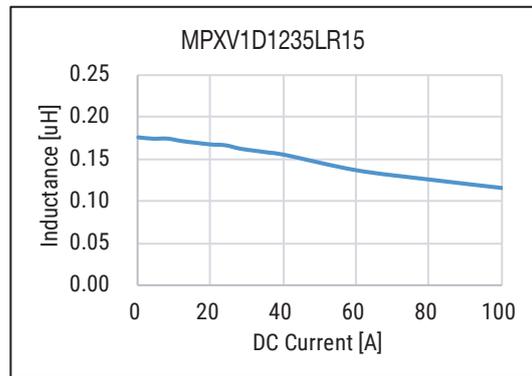
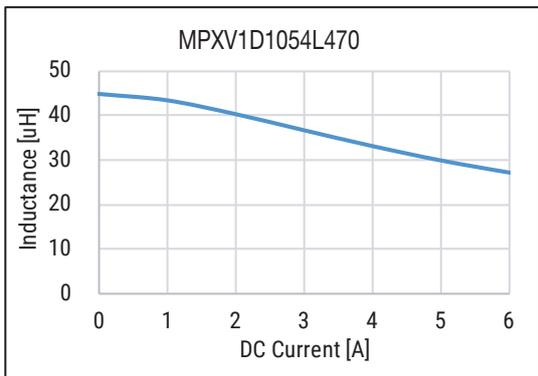


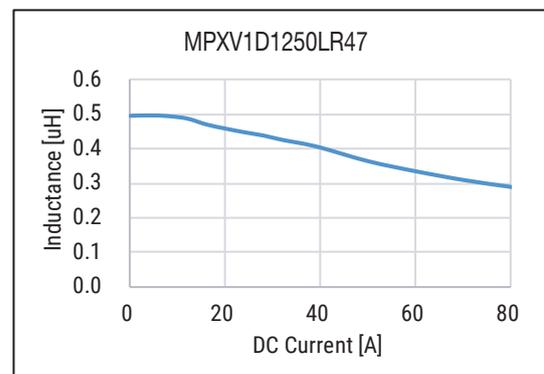
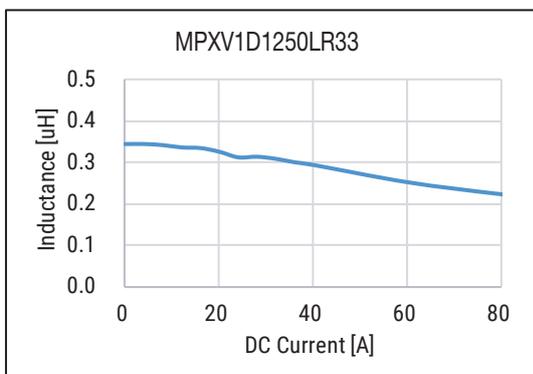
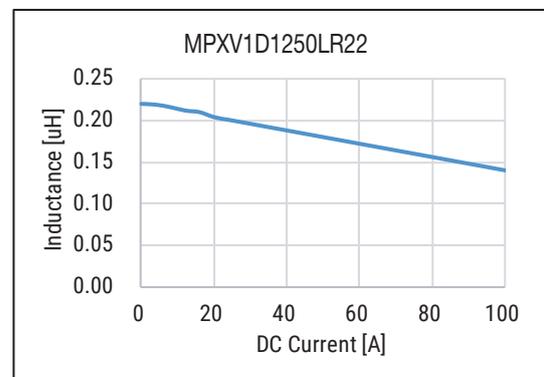
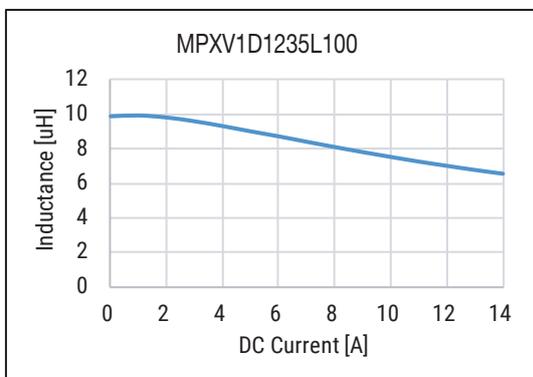
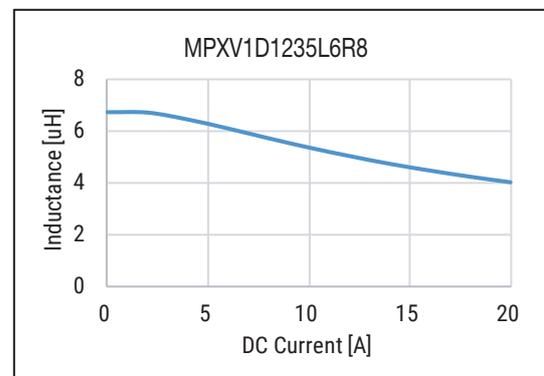
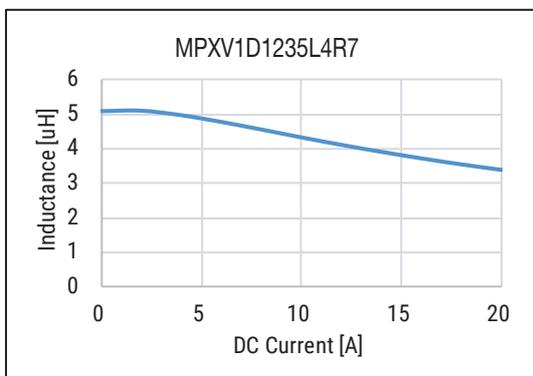
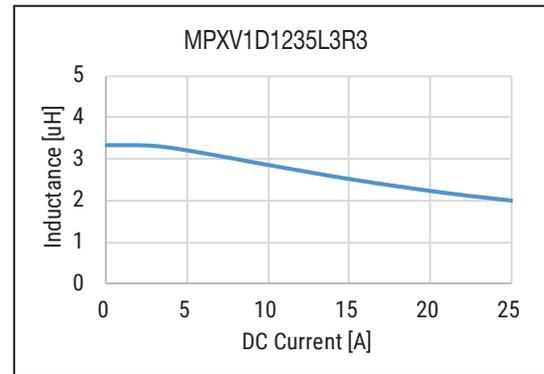
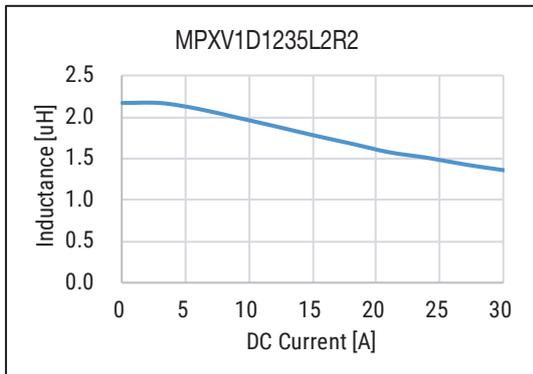


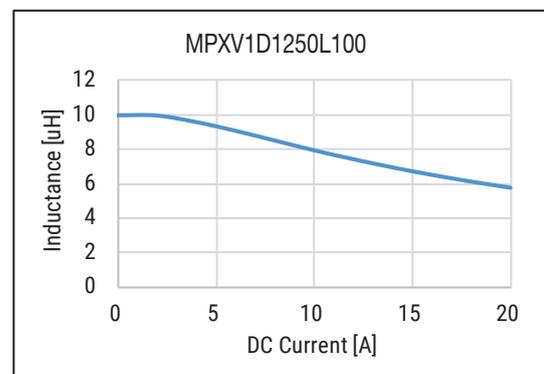
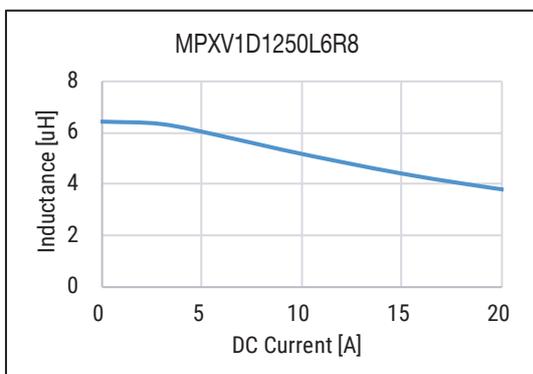
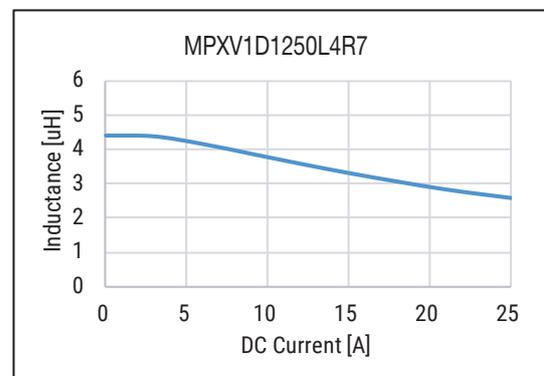
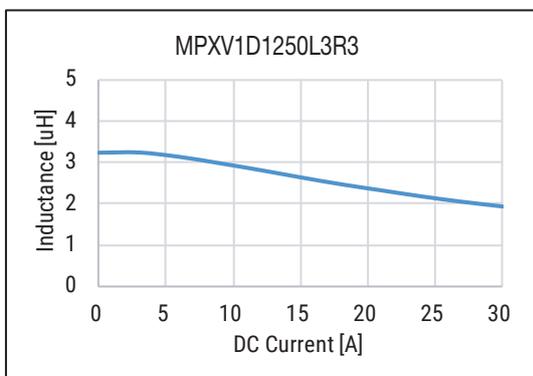
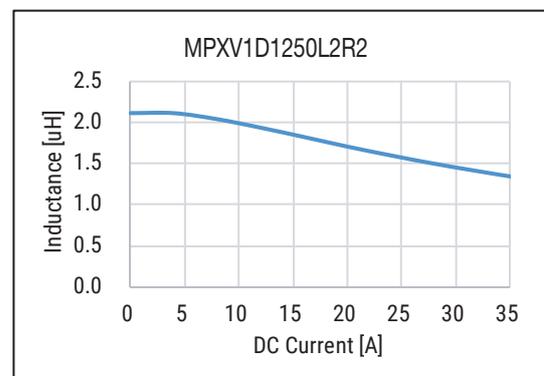
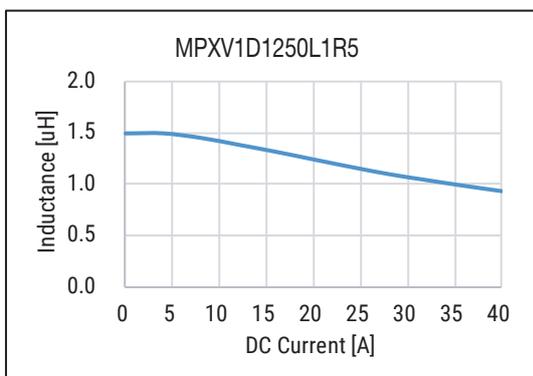
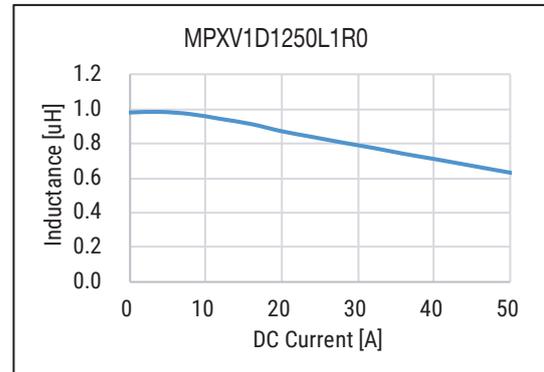
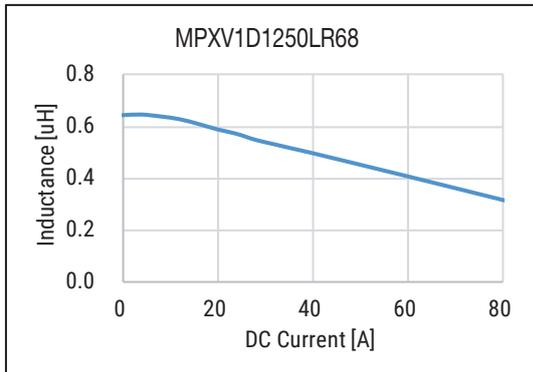


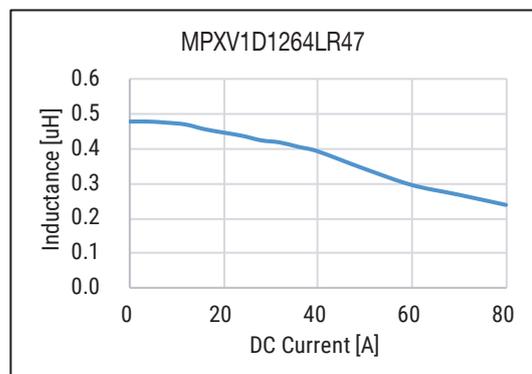
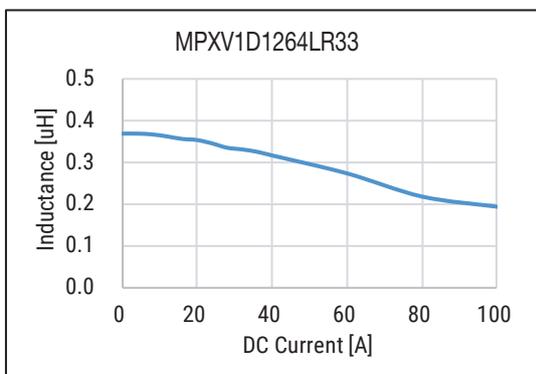
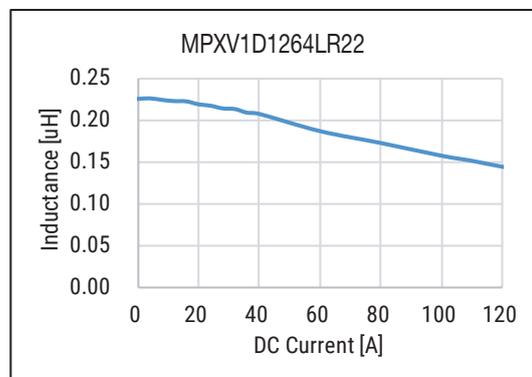
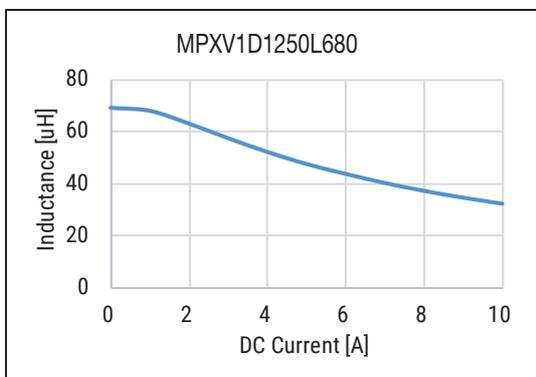
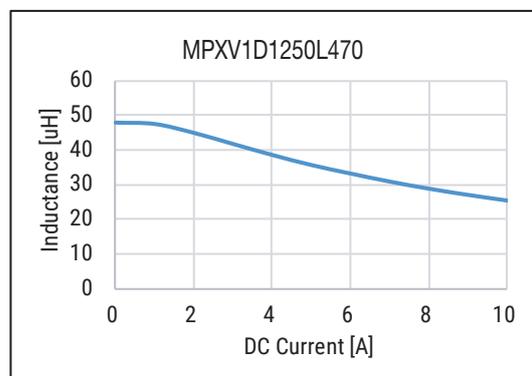
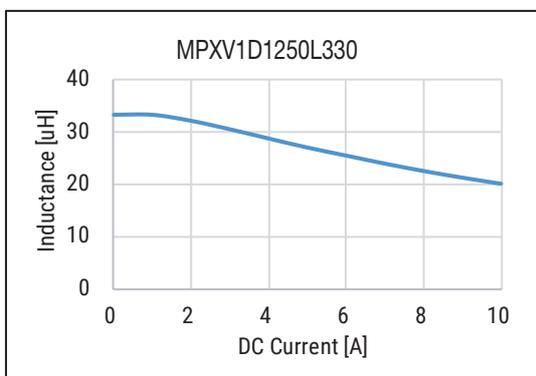
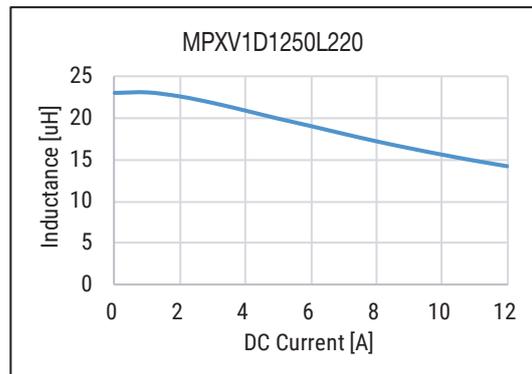
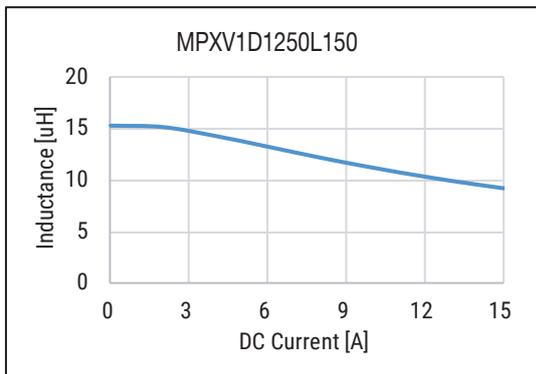


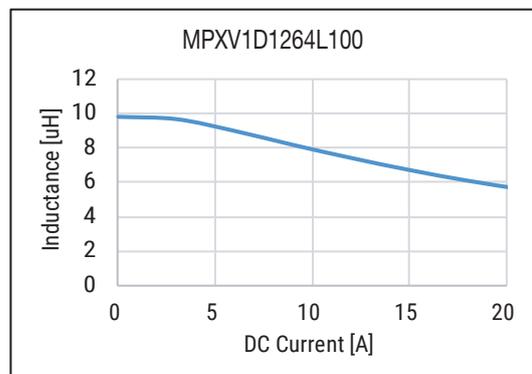
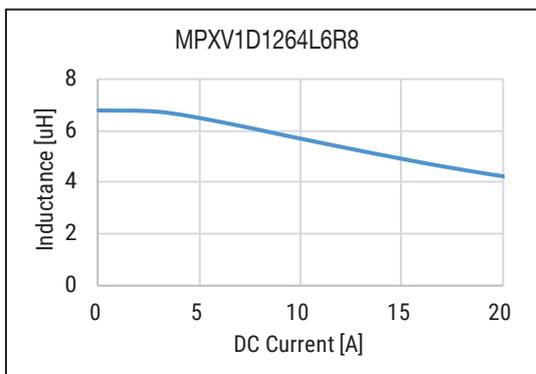
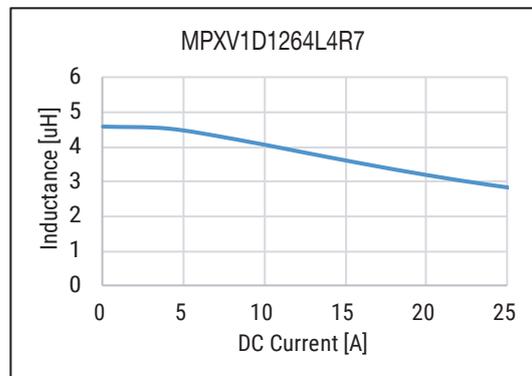
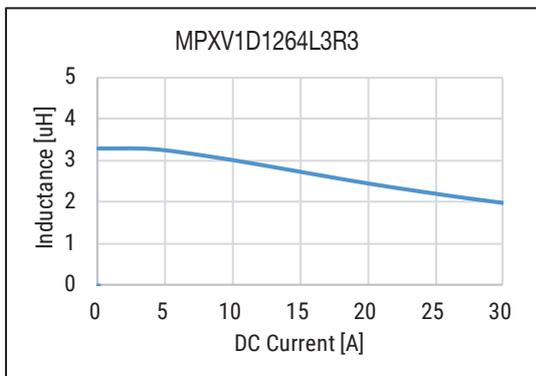
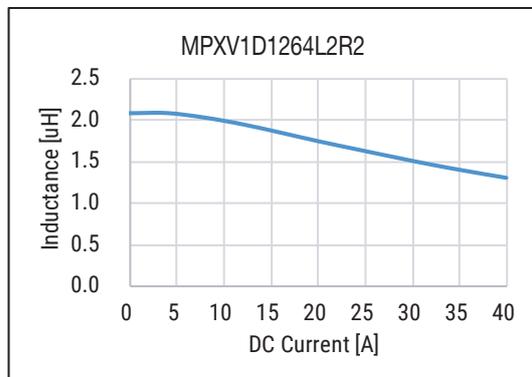
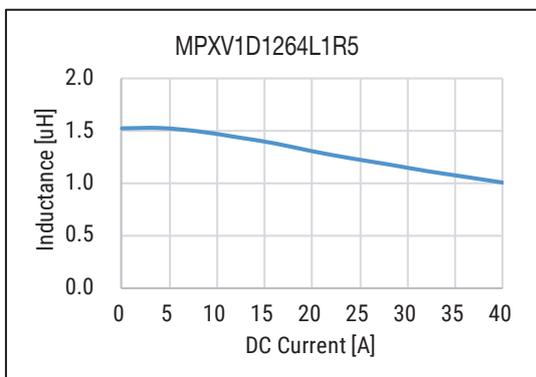
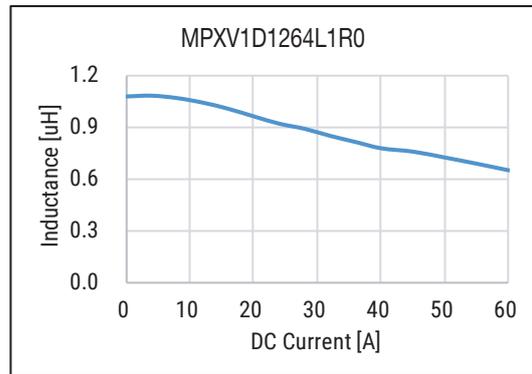
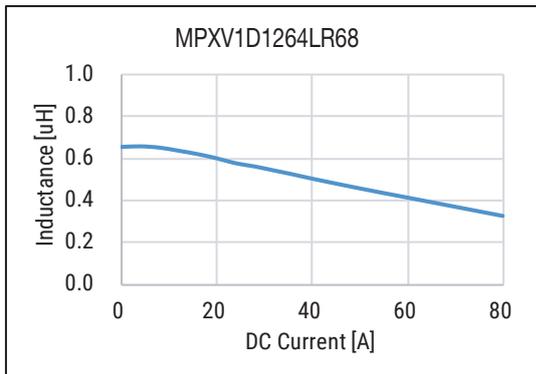


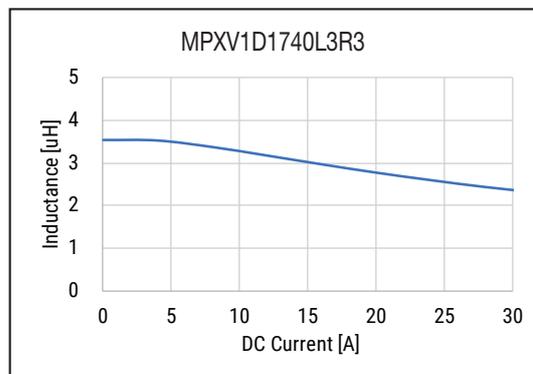
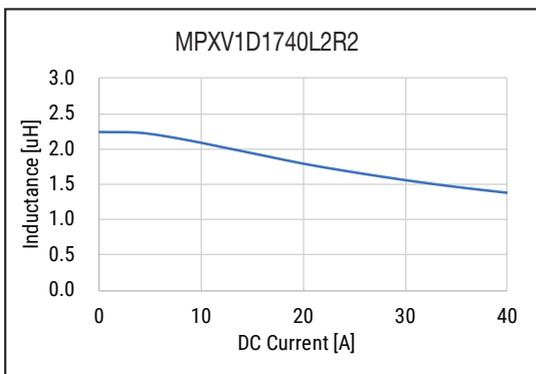
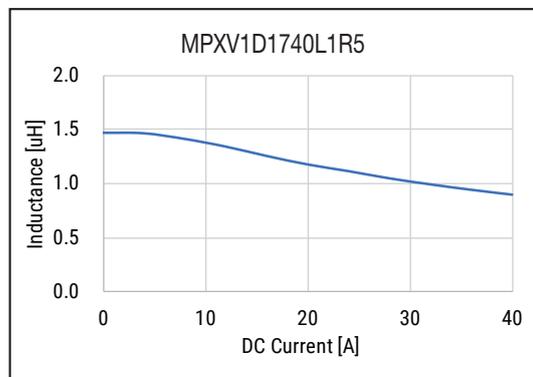
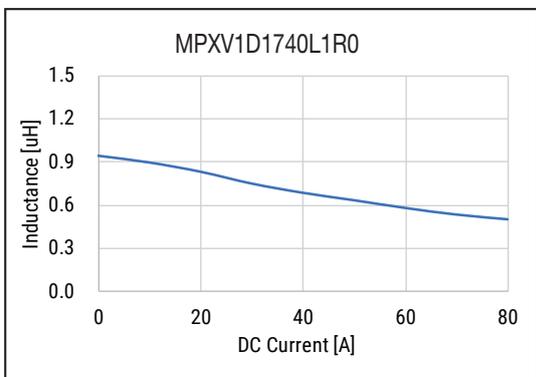
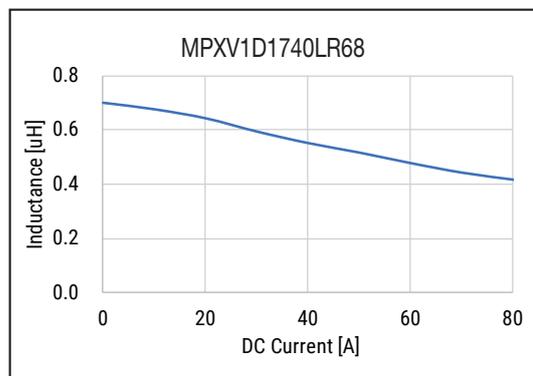
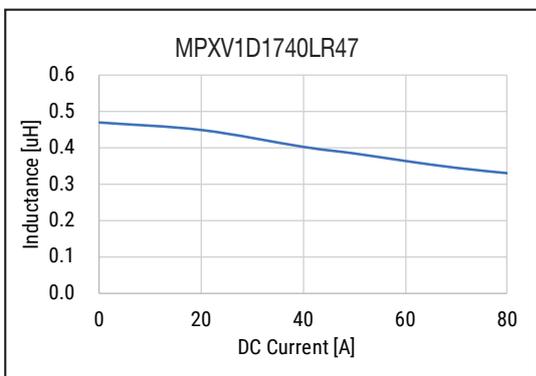
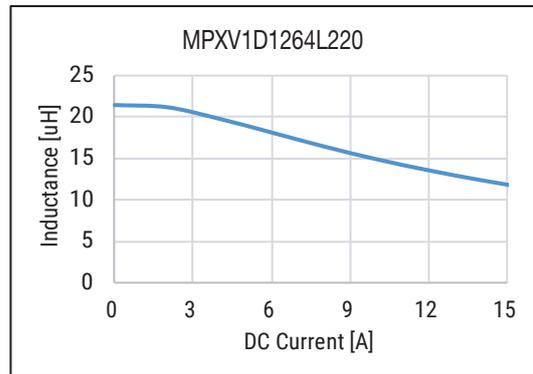
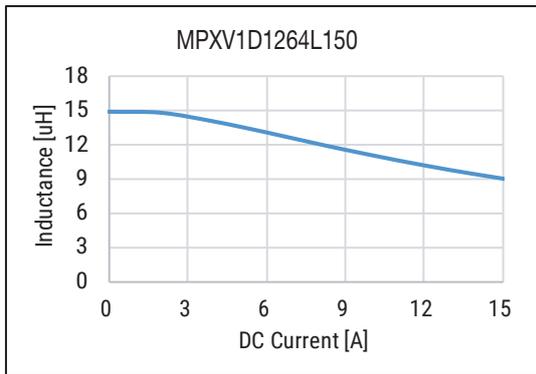


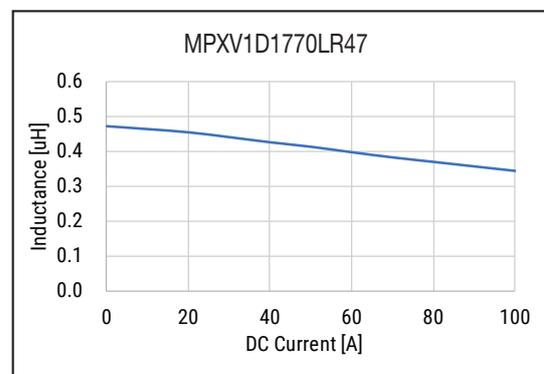
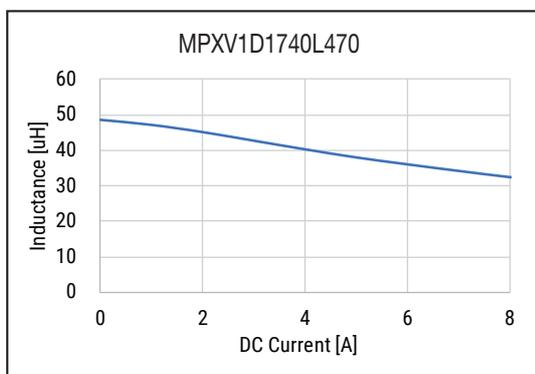
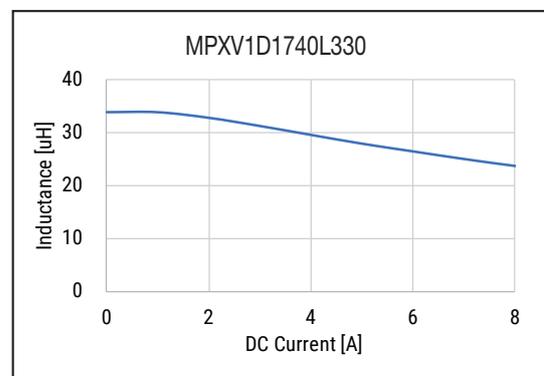
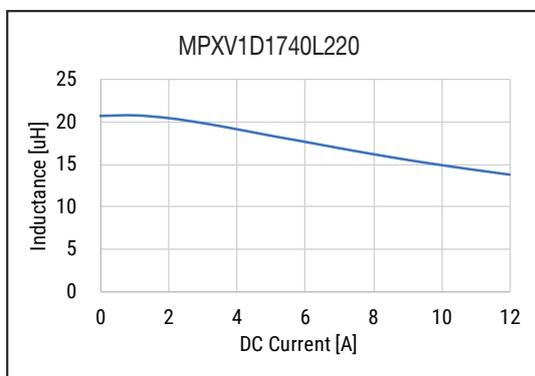
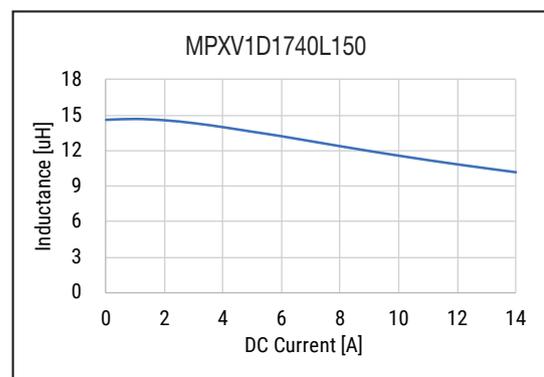
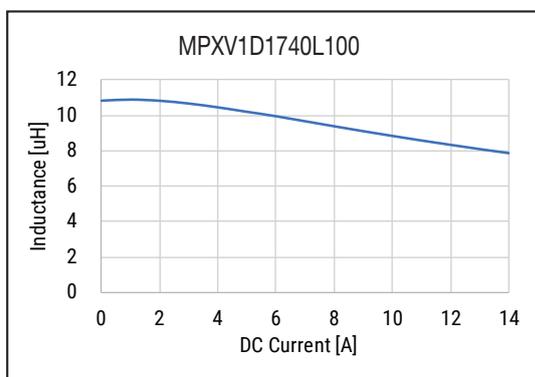
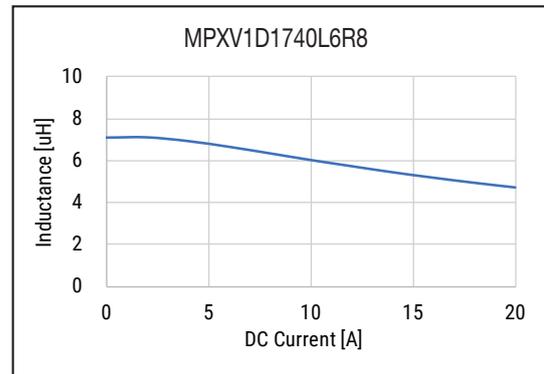
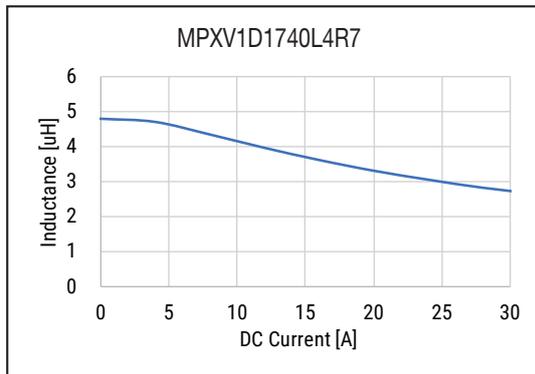


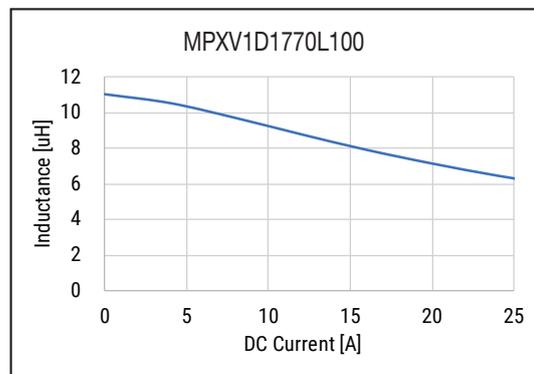
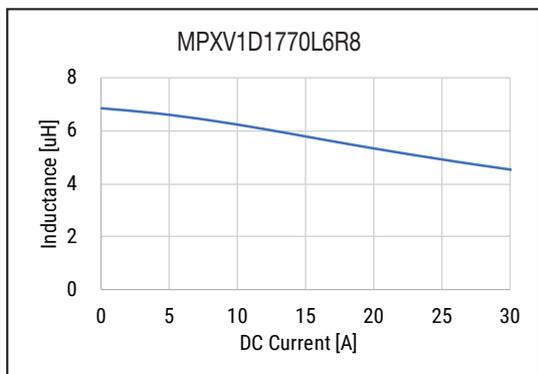
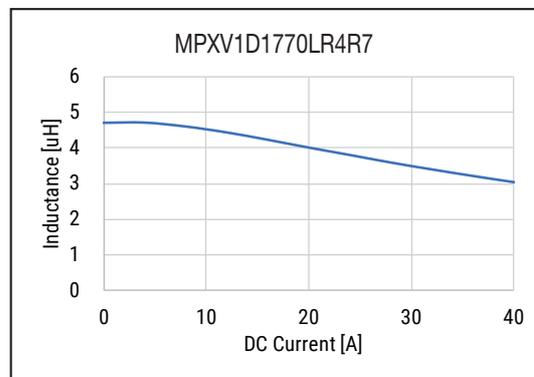
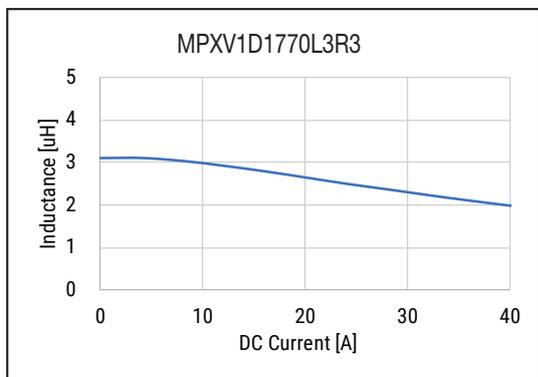
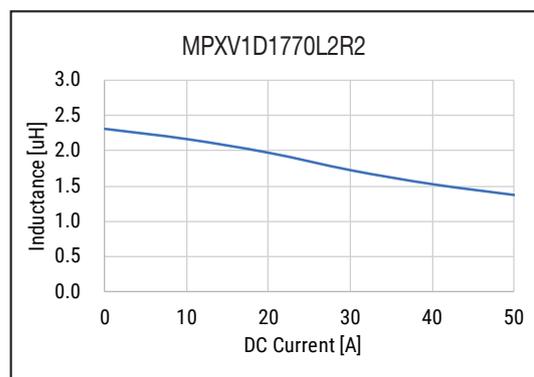
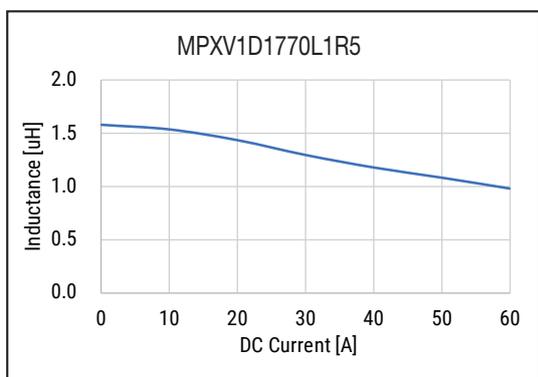
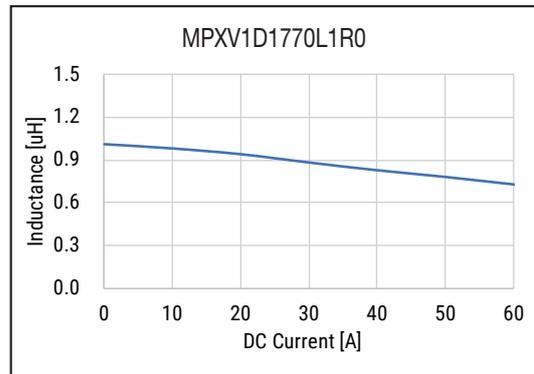
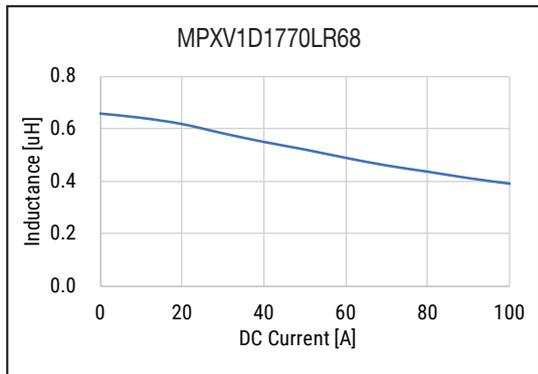


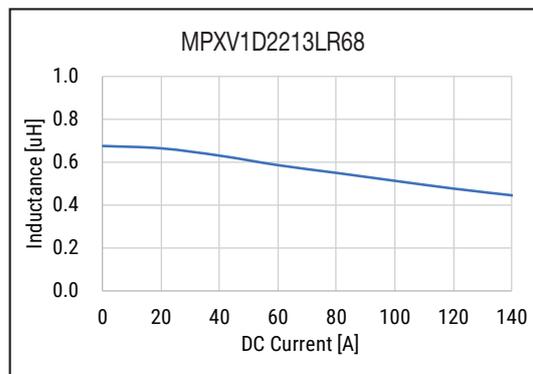
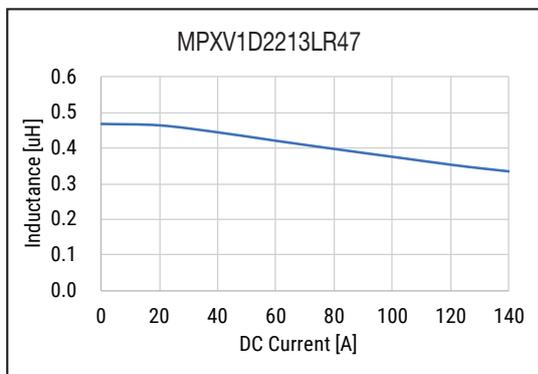
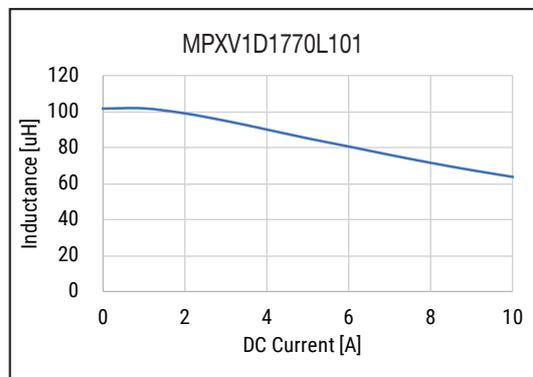
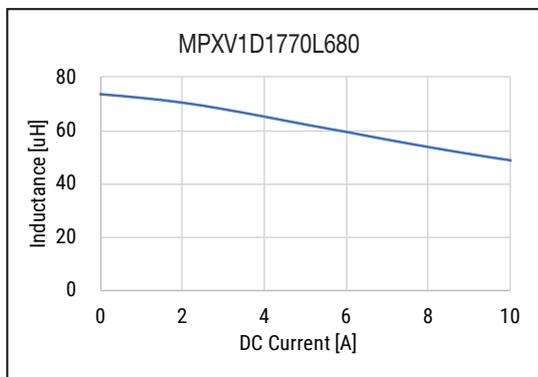
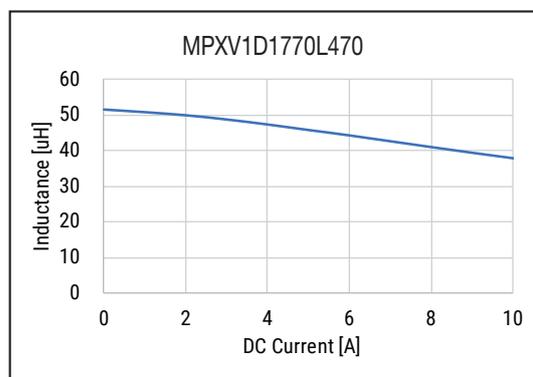
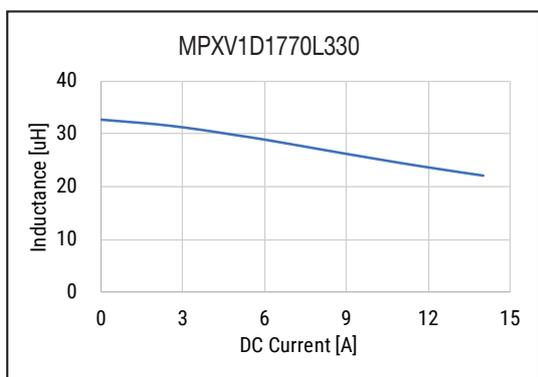
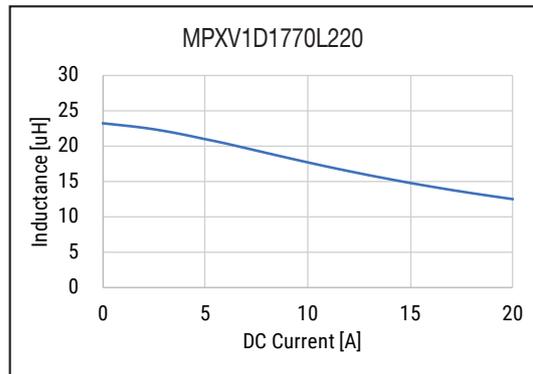
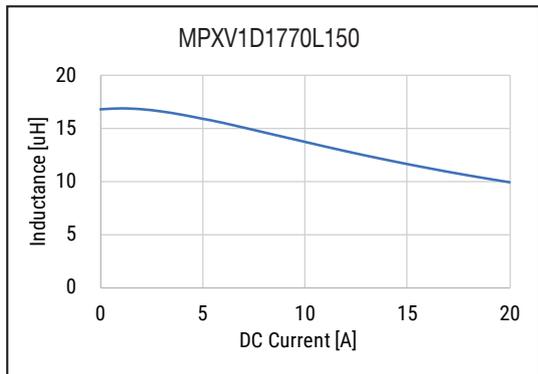


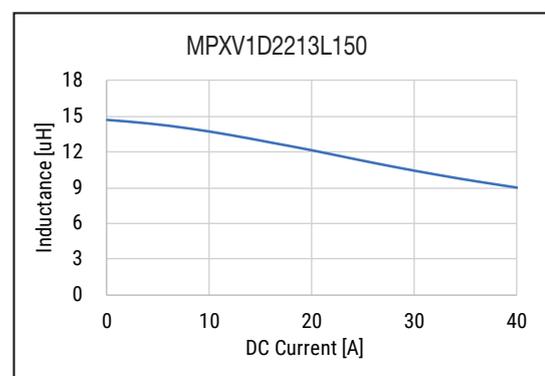
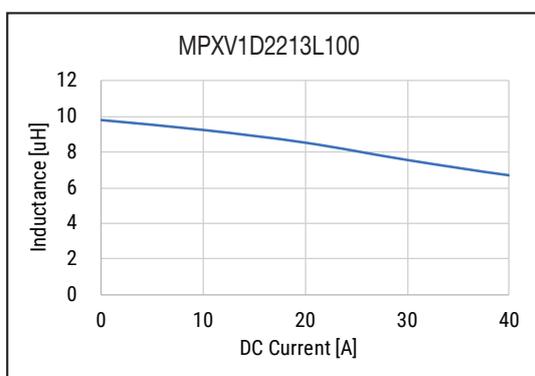
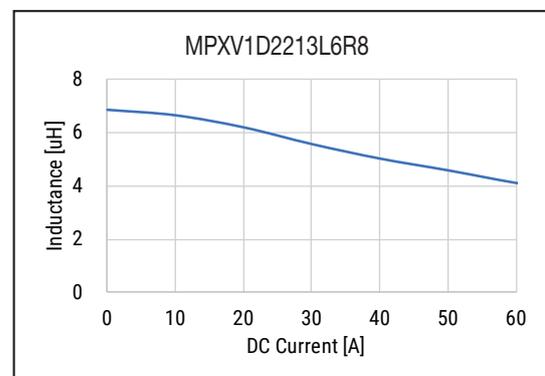
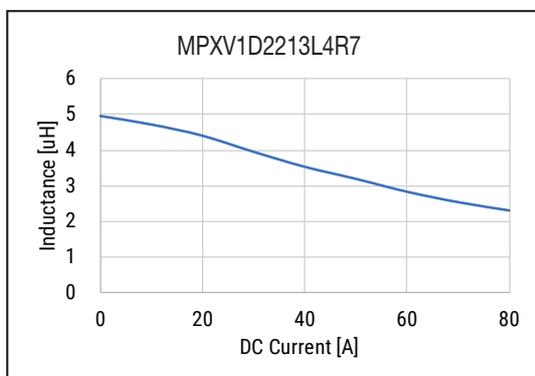
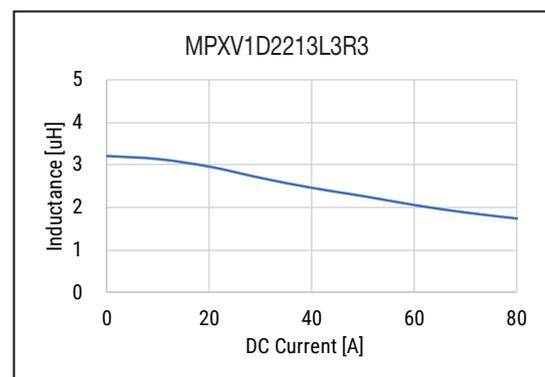
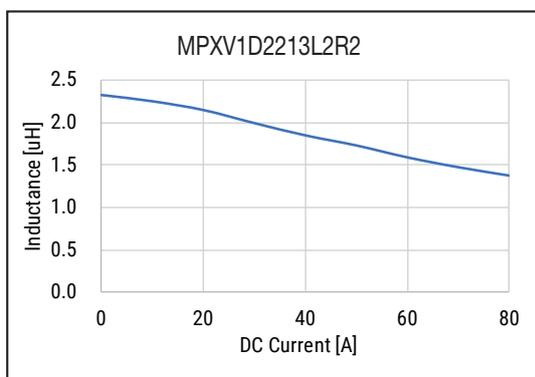
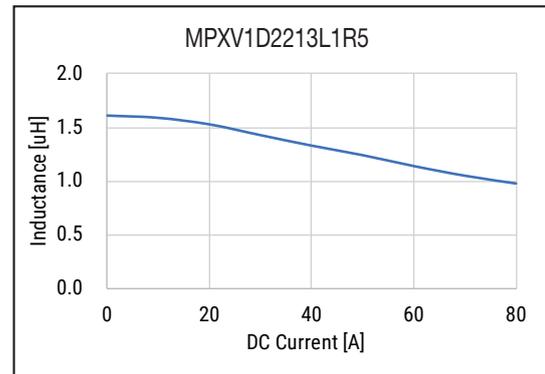
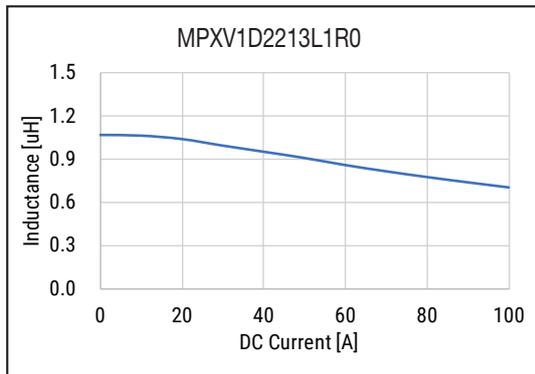


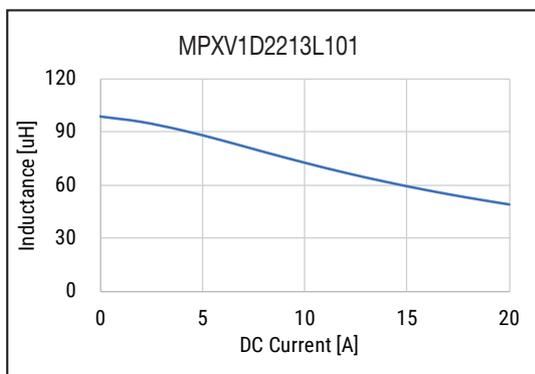
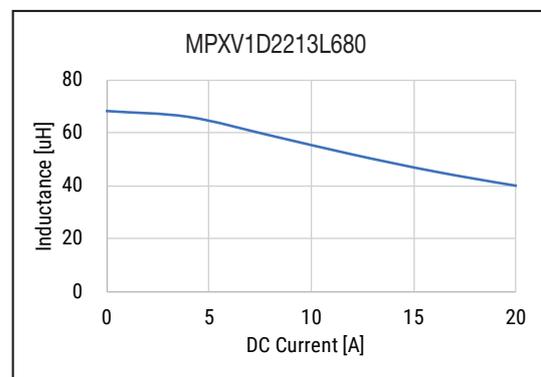
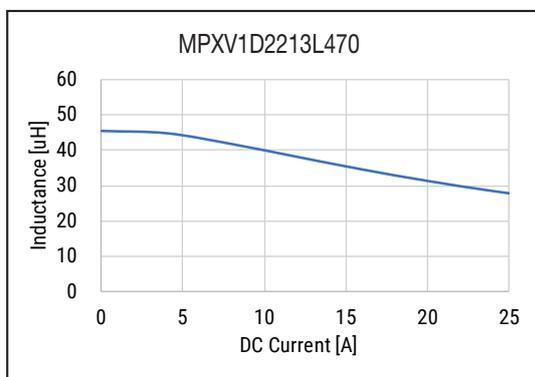
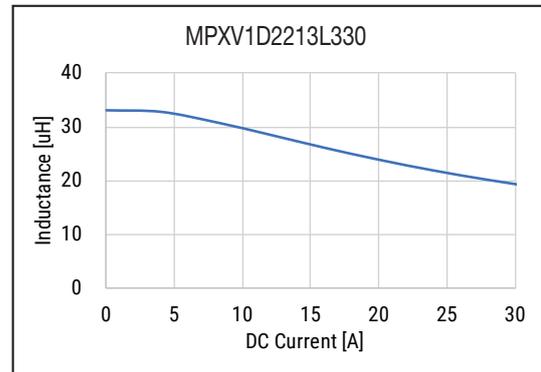
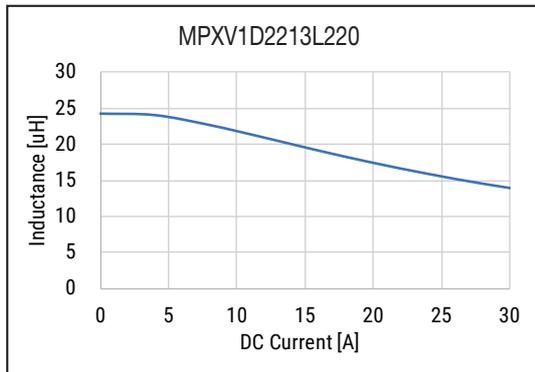






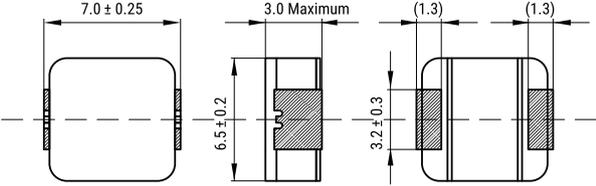
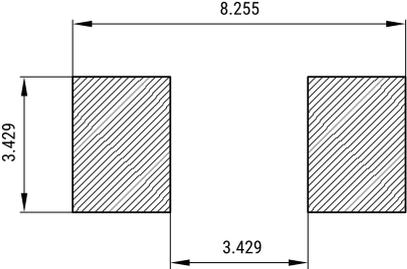
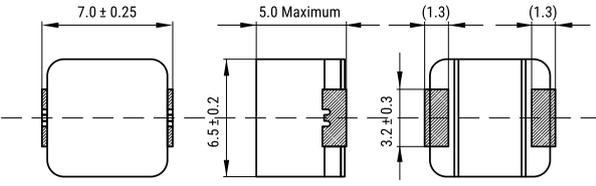
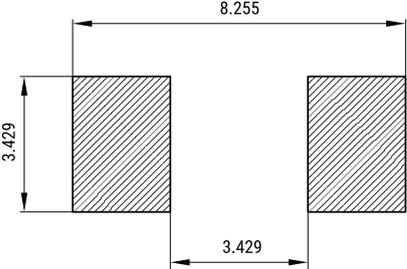
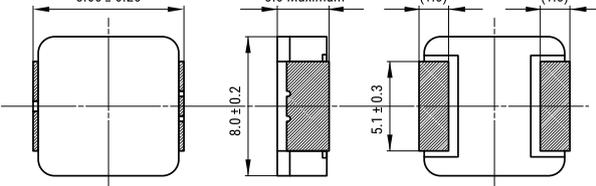
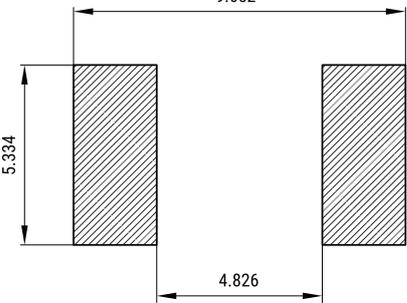
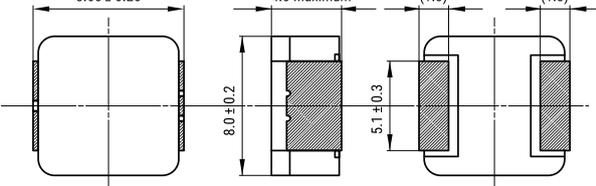
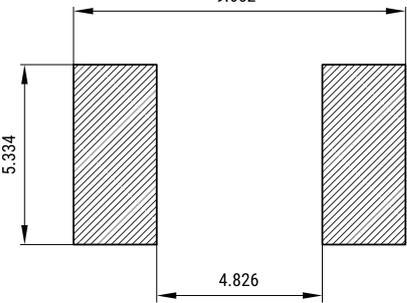




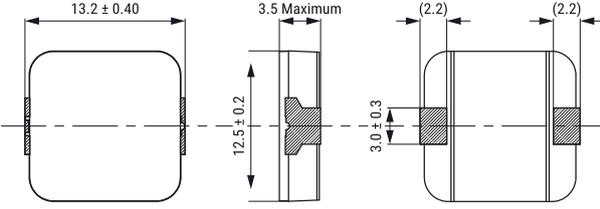
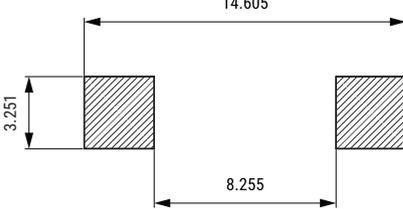
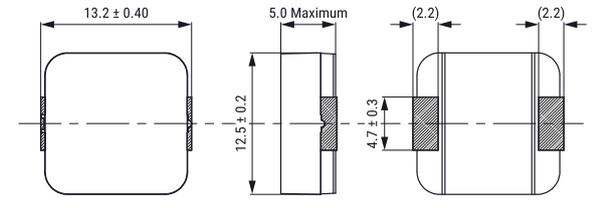
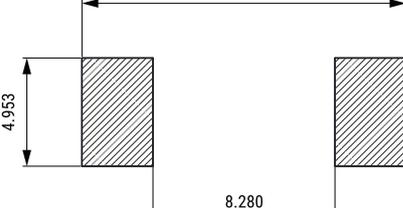
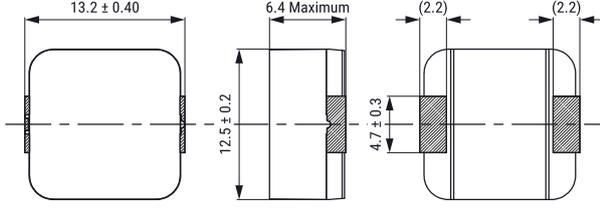
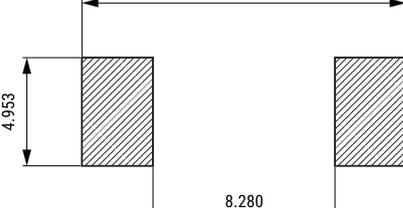
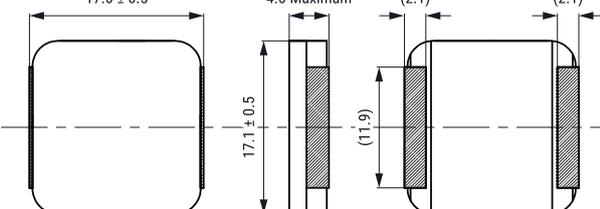
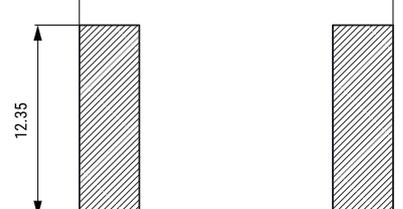


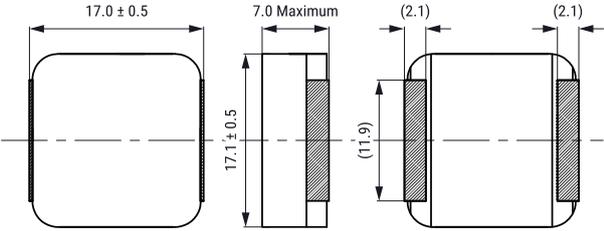
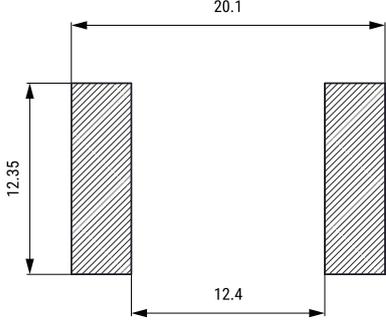
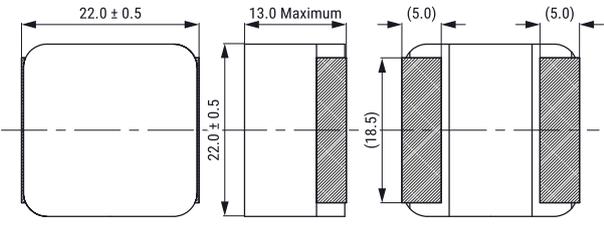
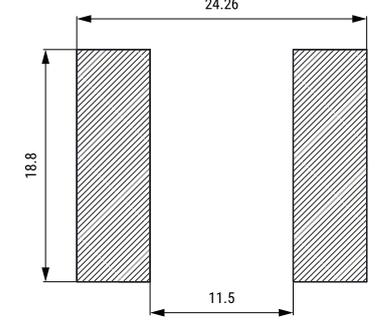
寸法

ケースサイズ	寸法 (mm)	ランドパターン (mm)
MPXV1D0520		
MPXV1D0530		
MPXV1D0618		
MPXV1D0624		

ケースサイズ	寸法 (mm)	ランドパターン (mm)
MPXV1D0630		
MPXV1D0650		
MPXV1D0830		
MPXV1D0840		

ケースサイズ	寸法 (mm)	ランドパターン (mm)
MPXV1D1040 (1.5 μ H 以下)	<p>Technical drawing showing three views of the MPXV1D1040 component. The top view shows a width of 10.8 ± 0.30 mm. The side view shows a height of 10.0 ± 0.2 mm and a maximum thickness of 4.0 mm. The bottom view shows two mounting pads, each with a width of 2.0 mm and a height of 4.7 ± 0.3 mm.</p>	<p>Land pattern diagram for MPXV1D1040. The total width is 12.192 mm. The height of the pads is 4.953 mm. The distance between the inner edges of the pads is 5.842 mm.</p>
MPXV1D1040 (2.2 μ H 以上)	<p>Technical drawing showing three views of the MPXV1D1040 component. The top view shows a width of 10.8 ± 0.3 mm. The side view shows a height of 10.0 ± 0.2 mm and a maximum thickness of 4.0 mm. The bottom view shows two mounting pads, each with a width of 2.0 mm and a height of 3.0 ± 0.3 mm.</p>	<p>Land pattern diagram for MPXV1D1040. The total width is 12.065 mm. The height of the pads is 3.251 mm. The distance between the inner edges of the pads is 5.817 mm.</p>
MPXV1D1054	<p>Technical drawing showing three views of the MPXV1D1054 component. The top view shows a width of 10.8 ± 0.3 mm. The side view shows a height of 10.0 ± 0.2 mm and a maximum thickness of 5.4 mm. The bottom view shows two mounting pads, each with a width of 2.2 mm and a height of 4.7 ± 0.3 mm.</p>	<p>Land pattern diagram for MPXV1D1054. The total width is 12.192 mm. The height of the pads is 4.953 mm. The distance between the inner edges of the pads is 5.842 mm.</p>
MPXV1D1235 (0.47 μ H 以下)	<p>Technical drawing showing three views of the MPXV1D1235 component. The top view shows a width of 13.2 ± 0.40 mm. The side view shows a height of 12.5 ± 0.2 mm and a maximum thickness of 3.5 mm. The bottom view shows two mounting pads, each with a width of 2.2 mm and a height of 4.7 ± 0.3 mm.</p>	<p>Land pattern diagram for MPXV1D1235. The total width is 14.732 mm. The height of the pads is 4.953 mm. The distance between the inner edges of the pads is 8.255 mm.</p>

ケースサイズ	寸法 (mm)	ランドパターン (mm)
MPXV1D1235 (0.68 μ H 以上)		
MPXV1D1250		
MPXV1D1264		
MPXV1D1740		

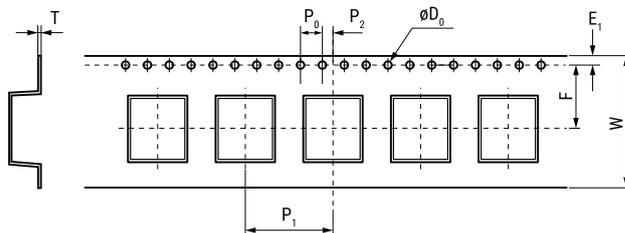
ケースサイズ	寸法 (mm)	ランドパターン (mm)
MPXV1D1770	 <p>Technical drawing of MPXV1D1770 inductor showing dimensions: 17.0 ± 0.5, 7.0 Maximum, 17.1 ± 0.5, (11.9), (2.1), (2.1).</p>	 <p>Land pattern drawing for MPXV1D1770 showing dimensions: 20.1, 12.35, 12.4.</p>
MPXV1D2213	 <p>Technical drawing of MPXV1D2213 inductor showing dimensions: 22.0 ± 0.5, 13.0 Maximum, 22.0 ± 0.5, (18.5), (5.0), (5.0).</p>	 <p>Land pattern drawing for MPXV1D2213 showing dimensions: 24.26, 18.8, 11.5.</p>

構造



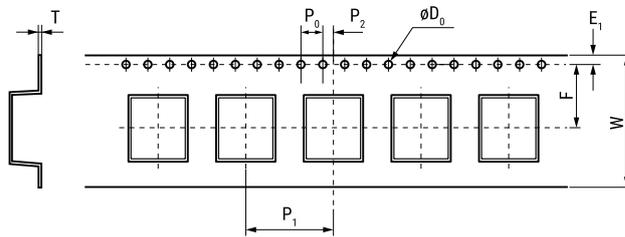
テーピング仕様

プラスチックテープ寸法



ケース サイズ	リール数量		寸法 (mm)							
			W	F	E	P ₁	P ₂	P ₀	øD ₀	T
MPXV1D0520	3,500	公差	±0.30	±0.10	±0.10	±0.10	±0.10	±0.10	±0.10	±0.05
		公称値	12.00	5.50	1.75	8.00	2.00	4.00	1.50	0.40
MPXV1D0530	2,500	公差	±0.30	±0.10	±0.10	±0.10	±0.10	±0.10	±0.10	±0.05
		公称値	12.00	5.50	1.75	8.00	2.00	4.00	1.50	0.40
MPXV1D0618	2,500	公差	±0.30	±0.10	±0.10	±0.10	±0.10	±0.10	±0.10	±0.05
		公称値	16.00	7.50	1.75	12.00	2.00	4.00	1.50	0.40
MPXV1D0624	1,500	公差	±0.30	±0.10	±0.10	±0.10	±0.10	±0.10	±0.10	±0.05
		公称値	16.00	7.50	1.75	12.00	2.00	4.00	1.55	0.40
MPXV1D0630	1,500	公差	±0.30	±0.10	±0.10	±0.10	±0.10	±0.10	±0.10	±0.05
		公称値	16.00	7.50	1.75	12.00	2.00	4.00	1.55	0.40
MPXV1D0650	1,000	公差	±0.30	±0.10	±0.10	±0.10	±0.10	±0.10	±0.05	±0.05
		公称値	16.00	7.50	1.75	12.00	2.00	4.00	1.55	0.40
MPXV1D0830	1,500	公差	±0.30	±0.10	±0.10	±0.10	±0.10	±0.10	±0.05	±0.05
		公称値	16.00	7.50	1.75	12.00	2.00	4.00	1.55	0.40
MPXV1D0840	1,000	公差	±0.30	±0.10	±0.10	±0.10	±0.10	±0.10	±0.05	±0.05
		公称値	16.00	7.50	1.75	12.00	2.00	4.00	1.50	0.40

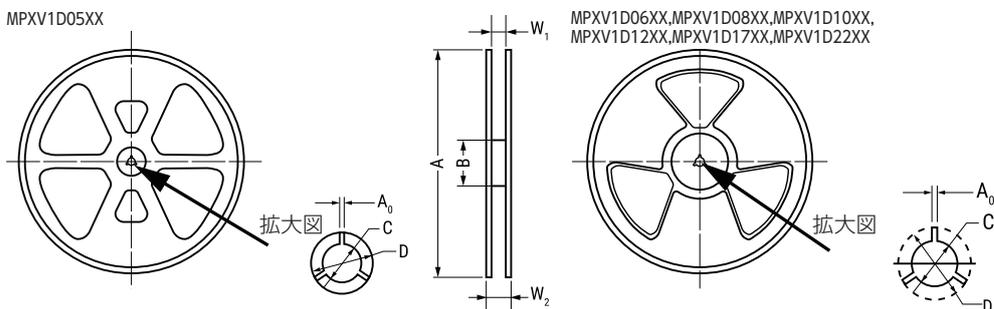
プラスチックテープ寸法



ケース サイズ	リール数量		寸法 (mm)								
			W	F	E	P ₁	P ₂	P ₀	øD ₀	T	
MPXV1D1040	500	公差	±0.3	±0.1	±0.1	±0.1	±0.1	±0.1	±0.1	±0.05	±0.05
		公称値	24.0	11.5	1.75	16.0	2.0	4.0	1.55	0.4	
MPXV1D1054	500	公差	±0.3	±0.1	±0.1	±0.1	±0.1	±0.1	±0.1	±0.05	±0.05
		公称値	24.0	11.5	1.75	16.0	2.0	4.0	1.55	0.4	
MPXV1D1235	500	公差	±0.3	±0.1	±0.1	±0.1	±0.1	±0.1	±0.1	±0.05	±0.05
		公称値	24.0	11.5	1.75	24.0	2.0	4.0	1.55	0.4	
MPXV1D1250	250	公差	±0.3	±0.1	±0.1	±0.1	±0.1	±0.1	±0.1	±0.05	±0.05
		公称値	24.0	11.5	1.75	24.0	2.0	4.0	1.55	0.4	
MPXV1D1264	250	公差	±0.3	±0.1	±0.1	±0.1	±0.1	±0.1	±0.1	±0.05	±0.05
		公称値	24.0	11.5	1.75	24.0	2.0	4.0	1.55	0.4	
MPXV1D1740	100	公差	±0.3	±0.1	±0.1	±0.1	±0.1	±0.1	±0.1	±0.1	±0.05
		公称値	32.0	14.2	1.75	24.0	2.0	4.0	1.50	0.5	
MPXV1D1770	100	公差	±0.3	±0.1	±0.1	±0.1	±0.1	±0.1	±0.1	±0.1	±0.05
		公称値	32.0	14.2	1.75	24.0	2.0	4.0	1.50	0.5	
MPXV1D2213	50	公差	±0.3	±0.1	±0.1	±0.1	±0.1	±0.1	±0.1	±0.1	±0.05
		公称値	44.0	20.2	1.75	32.0	2.0	4.0	1.50	0.5	

リール仕様

リール寸法



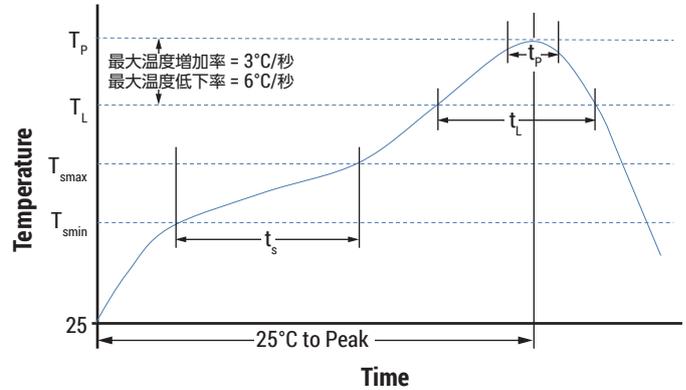
ケース サイズ		寸法 (mm)						
		A	B	C	D	A ₀	W ₁	W ₂
MPXV1D0520	公差	±2.0	±2.0	±0.2	±0.8	±0.5		
	公称値	ø330	ø80	ø13.0	ø21.0	2.0	13.5	17.5
MPXV1D0530	公差	±2.0	±2.0	±0.2	±0.8	±0.5		
	公称値	ø330	ø80	ø13.0	ø21.0	2.0	13.5	17.5
MPXV1D0618	公差	±2.0	±2.0	±0.2	±0.8	±0.5		
	公称値	ø330	ø100	ø13.2	ø21.5	2.5	16.9	21.3
MPXV1D0624	公差	±2.0	±2.0	±0.2	±0.8	±0.5		
	公称値	ø330	ø100	ø13.2	ø21.5	2.5	16.9	21.3
MPXV1D0630	公差	±2.0	±2.0	±0.2	±0.8	±0.5		
	公称値	ø330	ø100	ø13.2	ø21.5	2.5	16.9	21.3
MPXV1D0650	公差	±2.0	±2.0	±0.2	±0.8	±0.5		
	公称値	ø330	ø100	ø13.2	ø21.5	2.5	16.9	21.3
MPXV1D0830	公差	±2.0	±2.0	±0.2	±0.8	±0.5		
	公称値	ø330	ø100	ø13.2	ø21.5	2.5	16.9	21.3
MPXV1D0840	公差	±2.0	±2.0	±0.2	±0.8	±0.5		
	公称値	ø330	ø100	ø13.2	ø21.5	2.5	16.9	21.3
MPXV1D1040	公差	±3.0	±2.0	±0.5	±0.8	±0.5		
	公称値	ø330	ø100	ø13.0	ø21.5	2.6	25.0	29.4
MPXV1D1054	公差	±3.0	±2.0	±0.5	±0.8	±0.5		
	公称値	ø330	ø100	ø13.0	ø21.5	2.6	25.0	29.4
MPXV1D1235	公差	±3.0	±2.0	±0.5	±0.8	±0.5		
	公称値	ø330	ø100	ø13.0	ø21.5	2.6	25.0	29.4
MPXV1D1250	公差	±3.0	±2.0	±0.5	±0.8	±0.5		
	公称値	ø330	ø100	ø13.0	ø21.5	2.6	25.0	29.4
MPXV1D1264	公差	±3.0	±2.0	±0.5	±0.8	±0.5		
	公称値	ø330	ø100	ø13.0	ø21.5	2.6	25.0	29.4
MPXV1D1740	公差	±3.0	±2.0	±0.2	±0.8	±0.5		
	公称値	ø330	ø100	ø13.0	ø21.0	2.0	32.4	38.4
MPXV1D1770	公差	±3.0	±2.0	±0.2	±0.8	±0.5		
	公称値	ø330	ø100	ø13.0	ø21.0	2.0	32.4	38.4
MPXV1D2213	公差	±3.0	±2.0	±0.2	±0.8	±0.5		
	公称値	ø330	ø100	ø13.0	ø21.0	2.0	44.4	50.4

はんだ付けプロセス

推奨リフローはんだプロファイル

ICP/JEDEC J-STD-020E 参照

プロファイル特性	鉛フリーアセンブリ
予備加熱 / 浸漬 下限温度 (T_{Smin}) 上限温度 (T_{Smax}) $T_{Smin} \sim T_{Smax}$ の時間 (t_s)	150°C 200°C 60 - 120 秒
温度増加率 (T_L to T_P)	3°C/秒 maximum
液相温度 (T_L)	217°C
液相状態の時間 (t_L)	60 - 150 秒
ピーク温度 (T_P)	260°C for MPXV1D0520, 0618, 0624 250°C for MPXV1D0530, 0630, 0650, 0830, 0840 245°C for MPXV1D1040, 1054, 1235, 1250, 1264, 1740, 1770, 2213
最大ピーク温度から5°C以内の時間 (t_p)	30 秒 maximum
温度低下率 (T_P to T_L)	6°C/秒 maximum
25°Cからピーク温度までの時間	8 分 maximum



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