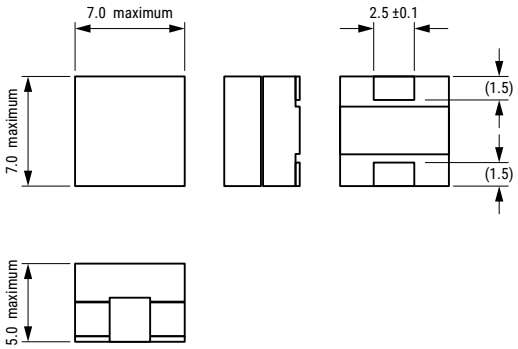
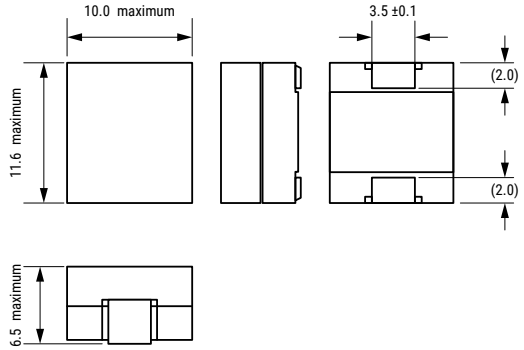
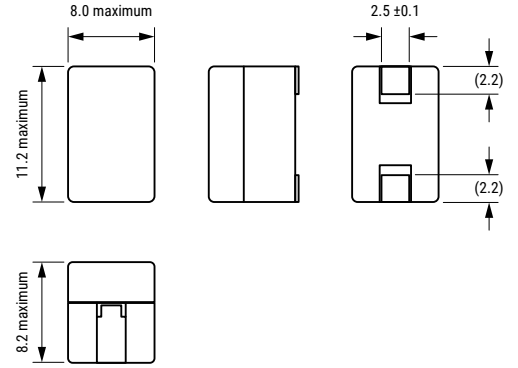
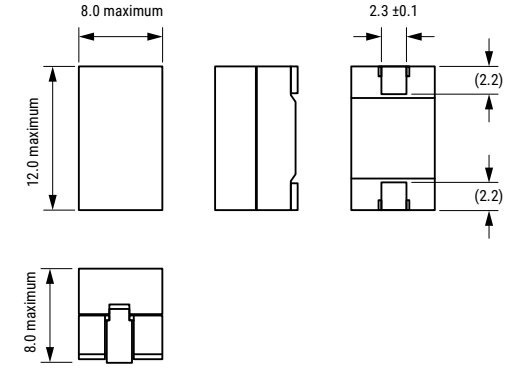
SMD Ferrite Inductor Engineering Kit

Sample Kit Contents

KEMET Part Number	Inductance	Inductance Tolerance	Current	DC Resistance	Thickness	Quantity	Description
TPI077050L105N	105nH	20%	60A	0.32 mOhms	5mm	10	TPI SMD 105nH 20% -40/+125C
TPI111065L210N	210nH	10%	54A	0.29 mOhms	6.5mm	10	TPI SMD 210nH 10% -40/+125C
TPI118082L150N	150nH	10%	93A	0.29 mOhms	8.2mm	10	TPI SMD 150nH 10% -40/+125C
TPI118082L180N	180nH	10%	79A	0.29 mOhms	8.2mm	10	TPI SMD 180nH 10% -40/+125C
TPI128080L180N	180nH	10%	78A	0.29 mOhms	8mm	10	TPI SMD 180nH 10% -40/+125C
TPI128080L210N	210nH	10%	70A	0.29 mOhms	8mm	10	TPI SMD 210nH 10% -40/+125C
TPI128080L230N	230nH	10%	64A	0.29 mOhms	8mm	10	TPI SMD 230nH 10% -40/+125C

Dimensions – Millimeters

Case Size	Dimensions (mm)	Case Size	Dimensions (mm)
TPI077050		TPI111065	
TPI118082		TPI128080	

Size Code	W		F		E1		P1	
	Nominal	Tolerance	Nominal	Tolerance	Nominal	Tolerance	Nominal	Tolerance
TPI077050	16	±0.30	7.5	±0.10	1.75	±0.10	12	±0.10
TPI118082	24	±0.30	11.5	±0.10	1.75	±0.10	16	±0.10
TPI111065	24	±0.30	11.5	±0.10	1.75	±0.10	16	±0.10
TPI128080	24	±0.30	11.5	±0.10	1.75	±0.10	16	±0.10

Size Code	P2		P0		D0		T	
	Nominal	Tolerance	Nominal	Tolerance	Nominal	Tolerance	Nominal	Tolerance
TPI077050	2	±0.10	4	±0.10	1.55	±0.05	0.4	±0.05
TPI118082	2	±0.10	4	±0.10	1.55	±0.05	0.4	±0.05
TPI111065	2	±0.10	4	±0.10	1.55	±0.05	0.4	±0.05
TPI128080	2	±0.10	4	±0.10	1.55	±0.05	0.4	±0.05

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