

MULTI-LAYER POWER INDUCTORS

PART NUMBERS & CHARACTERISTIC

◇ IF2012_L Series (EIA 0805)

Ordering Code	Inductance (nH)	Inductance Tolerance	Measuring frequency (MHz)	DC Resistance (Ω)		Idc (mA) (max.)	Q (min.)	SRF (min.)	Thickness (mm) (max.)	Packing
				Max.	Typ.					
IF2012 1R2	1.2		10	0.50		30	45	65	0.85±0.20	7" Paper 4kpcs
IF2012 2R2	2.2		10	0.65	0.28	30	45	50		
IF2012 4R7	4.7		10	1.50	0.54	30	45	35		
IF2012 100	10.0		2	1.15	0.75	15	50	24		
IF2012 220	22.0		1	1.10		5	30	16	1.250±0.20	7" Embossed 3kpcs

※ Operating temperature range from -55°C to 125°C

※ Tolerance Code: K=±10%, M=±20%

POWER INDUCTOR FOR CHOKE

◇ IP2012_L Series (EIA 0805)

Ordering Code	Inductance (nH)	Inductance Tolerance	Measuring frequency (MHz)	DC Resistance (Ω)		Rated Current [A] (max.)	Saturation Current [A] (max.)	SRF (MHz)	Thickness (mm) (max.)	Packing
				(max.)	(typ.)					
IP2012 2R2	2.20	±20%	1	0.32	0.25	0.80	0.30	50	0.90±0.10	7" Embossed 3kpcs
IP2012 4R7	4.70	±20%	1	0.32	0.25	0.80	0.20	30		
IP2012 100	10.0	±20%	1	0.32	0.25	0.48	0.10	20	1.25±0.20	7" Embossed 3kpcs

※ Rated current specifies that self-heat generation is below 40°C during DC loaded (at 20°C)

※ Saturated current specifies that inductance drop is below 50% during DC loaded (at 20°C)