

CMX1211 Series Wire-Wound SMT Power Common-Mode Chokes



FEATURES



- Small size with high current
- Stable performance under load bias and high reliability
- High suppression of asymmetric interferences at both low and high frequency
- SMT Type with less height
- Operation temperature: -40°C to 125°C (Including self-heating)
- Custom designs on request

APPLICATIONS

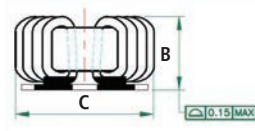
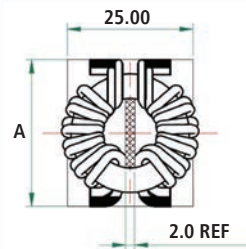
- Interferences suppression of common mode noise
- Power line filter
- Switch-mode power supplies

ELECTRICAL SPECIFICATIONS

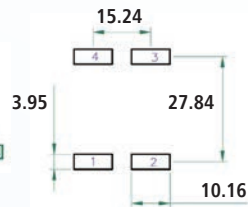
PART NO.	INDUCTANCE @ 100 KHZ / 100 mV (uH)			DCR MAX (mΩ)	CURRENT RATING MAX (A)	RATING VOLTAGE MAX (Vrms)	HIPOT COIL – COIL (VAC)
	NOM	MIN	MAX				
CMX1211Z680B-10	68	40.8	91.8	0.56	50	250	1500
CMX1211Z181B-10	180	108	243	1.35	32	250	1500
CMX1211Z321B-10	320	192	432	2.5	28	250	1500
CMX1211Z601B-10	620	372	837	3.5	20	250	1500
CMX1211Y801B-10	800	480	1080	5.3	16	250	1500
CMX1211X132B-10	1300	780	1755	10	11	250	1500
CMX1211W182B-10	1800	1080	2430	14	9	250	1500

DIMENSIONS

Unit: mm



LAND PATTERNS FOR REFLOW SOLDERING



A Max	B Max	C Max
31.50	19.00	28.80

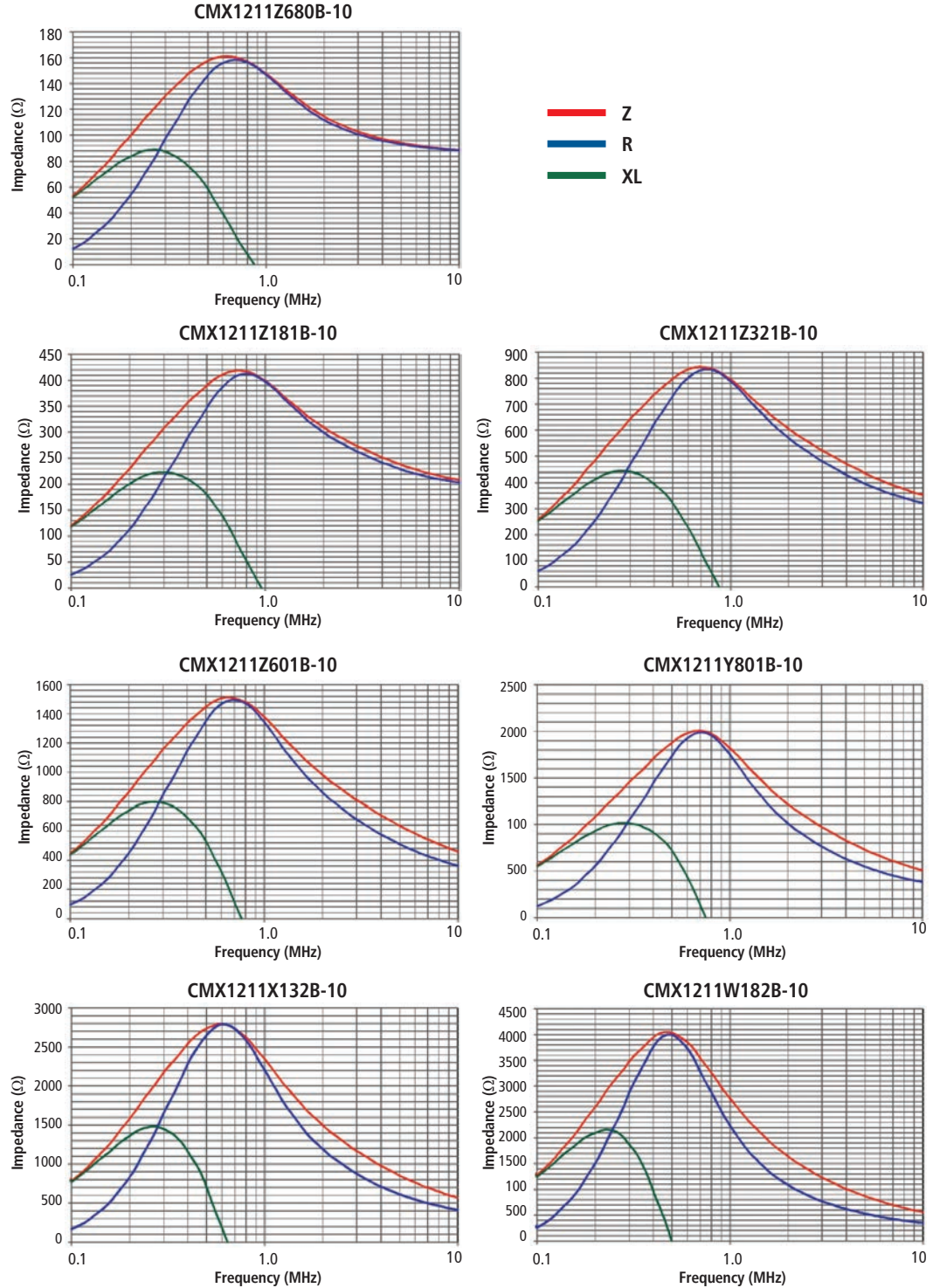
ORDERING INFORMATION

PART NUMBER EXAMPLE

C M X	1 2 1 1	Z	6 8 0	B	-	1 0
Product series code	EIA size code (L x W)	Rated Current Code	Inductance value code (L)	Packing Code		Additional Description
		W = 9000mA X = 10,000 mA Y = 15,000 mA Z ≥ 20,000 mA	680 = 68 uH 182 = 1800 uH 321 = 320 uH 8R2 = 8.2 uH	B = Bulk Packaging		

USA: +1.866.928.8181
Europe: +49.0.8031.2460.0
Asia: +86.755.2714.1166

TYPICAL CHARACTERISTICS – ZRX VS FREQUENCY



SIP-DS-CMX1211 0313

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