

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

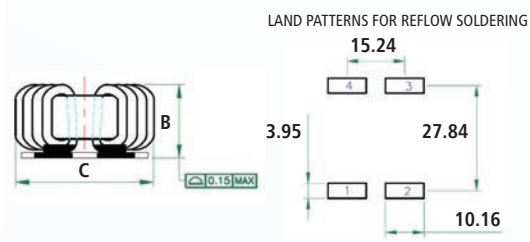
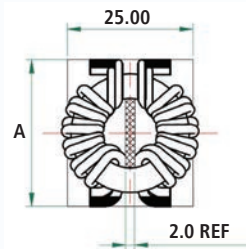
APPLICATIONS

- 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



A Max	B Max	C Max
31.50	19.00	28.80

ORDERING INFORMATION

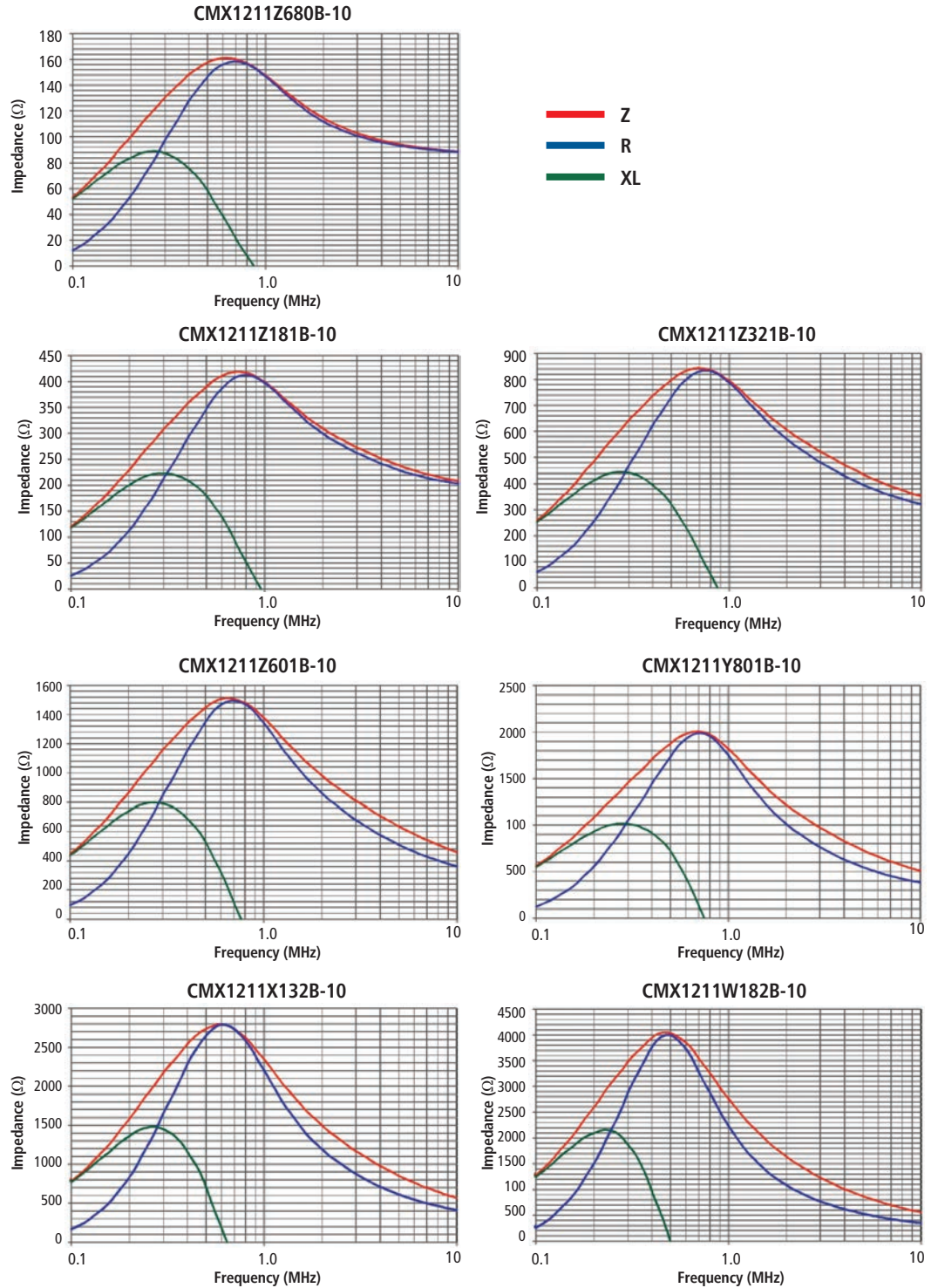
PART NUMBER EXAMPLE

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 B = Bulk Packaging	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		

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

CMX1211 Series Wire-Wound SMT Power Common-Mode Chokes

TYPICAL CHARACTERISTICS – ZRX VS FREQUENCY



SIP-DS-CMX1211 0313

Any information furnished by Laird Technologies, Inc. and its agents is believed to be accurate and reliable. All specifications are subject to change without notice. Responsibility for the use and application of Laird Technologies materials rests with the end user. Laird Technologies makes no warranties as to the fitness, merchantability, suitability or non-infringement of any Laird Technologies materials or products for any specific or general uses. Laird Technologies shall not be liable for incidental or consequential damages of any kind. All Laird Technologies products are sold pursuant to the Laird Technologies Terms and Conditions of sale in effect from time to time, a copy of which will be furnished upon request. © Copyright 2013 Laird Technologies, Inc. All Rights Reserved. Laird, Laird Technologies, the Laird Technologies Logo, and other marks are trade marks or registered trade marks of Laird Technologies, Inc. or an affiliate company thereof. Other product or service names may be the property of third parties. Nothing herein provides a license under any Laird Technologies or any third party intellectual property rights.