



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China

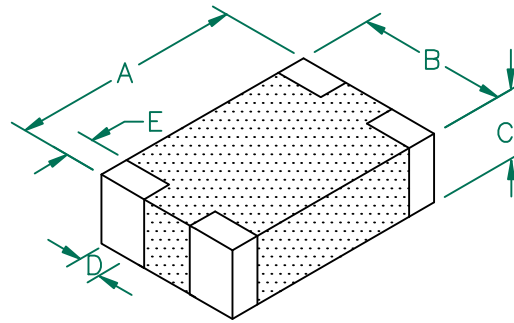


**UNCONTROLLED DOCUMENT**

# CM1812X330R-10

PHYSICAL DIMENSIONS:

A	4.57 [ .180 ]	+ 0.25 [ .010 ]
B	3.05 [ .120 ]	+ 0.25 [ .010 ]
C	1.60 [ .063 ]	+ 0.25 [ .010 ]
D	1.14 [ .045 ]	+ 0.13 [ .005 ]
E	0.58 [ .023 ]	+ 0.18 [ .007 ]



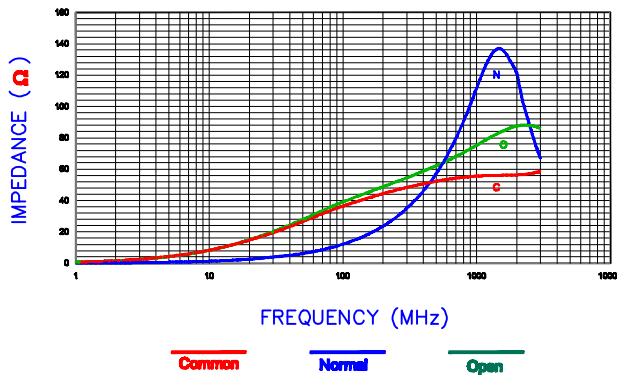
COMMON MODE ELECTRICAL CHARACTERISTICS:				
	COMMON MODE Z @ 100 MHz (Ω)	COMMON MODE Z @ 500 MHz (Ω)	DCR (Ω)	CONTINUOUS Rated Current
<b>Nominal (Ref)</b>	33	<b>Nominal (Ref)</b> 50		
<b>Minimum</b>	25	-		
<b>Maximum</b>	41	-	0.003	10,000 mA

NOTES: UNLESS OTHERWISE SPECIFIED

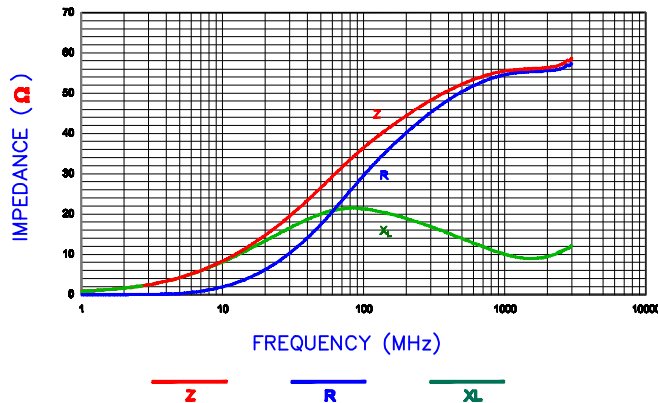
1. TAPED AND REELED per CURRENT EIA SPECIFICATIONS 13" REELS, 2500 PCS/REEL.
2. COMPONENTS SHOULD BE ADEQUATELY PREHEATED BEFORE SOLDERING.
3. U.S. PATENT 6,288,626 SHOULD APPEAR ON THE LABEL OF EACH REEL OF PACKAGED PARTS.
4. MINIMUM LINE TO LINE RESISTANCE 1MΩ.
5. TERMINATION FINISH IS 100% TIN.



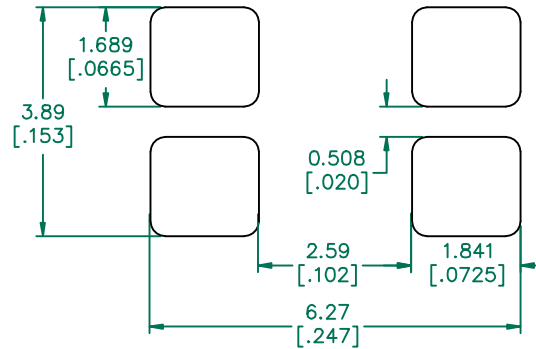
Z vs. FREQUENCY (C,N,O)



Z, R, XL vs. FREQUENCY

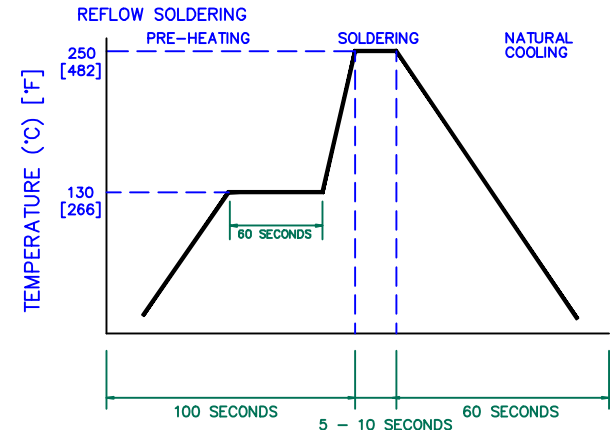


LAND PATTERNS FOR REFLOW SOLDERING



DURING AND AFTER SOLDERING OPERATION SOLDER MUST NOT BE ALLOWED TO BRIDGE CONTACTS. CONTACT SEPARATION MUST BE MAINTAINED.

RECOMMENDED SOLDERING CONDITIONS



DIMENSIONS ARE IN mm [INCHES].				THIS DOCUMENT CONTAINS INFORMATION WHICH IS PROPRIETARY AND CONFIDENTIAL TO STEWARD. NO PRODUCTION OR PUBLICATION OF THIS DOCUMENT IN WHOLE OR IN PART SHALL BE MADE WITHOUT WRITTEN AUTHORIZATION FROM STEWARD.			
				<b>Steward</b> <small>and Laird</small>			
PROJECT/PART NUMBER:				REV	PART TYPE:	DRAWN BY:	
C	UPDATE COMPANY LOGO	05/16/07	JRK	CM1812X330R-10	C	CO-FIRE	JRK
B	CHG MIN LINE TO LINE RESISTANCE	09/28/05	JRK	DATE: 03/02/05	SCALE: NTS	SHEET:	
A	ORIGINAL DRAFT	03/02/05	JRK	CAD #	TOOL #	2 of 2	
REV	DESCRIPTION	DATE	INT	CM1812X330R-10-C	CM1812		