



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

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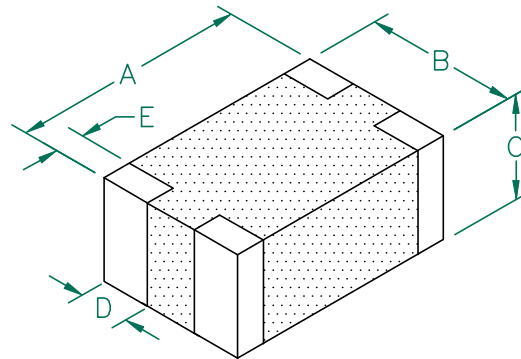


# CM1812R600R-00

**UNCONTROLLED DOCUMENT**

PHYSICAL DIMENSIONS:

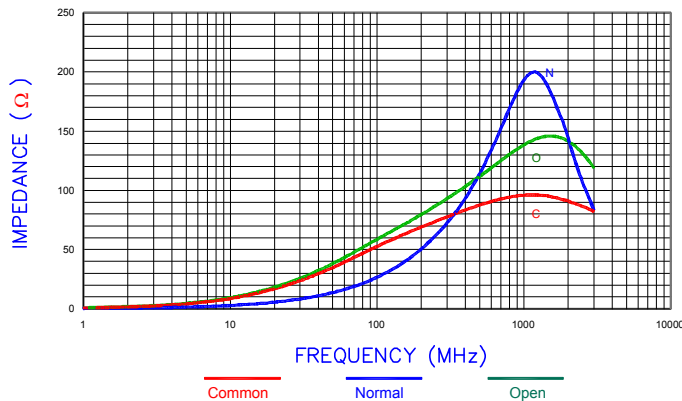
A	4.57 [.180]	± 0.25 [.010]
B	3.05 [.120]	± 0.25 [.010]
C	2.36 [.093]	± 0.25 [.010]
D	1.14 [.045]	± 0.13 [.005]
E	0.58 [.023]	± 0.18 [.007]



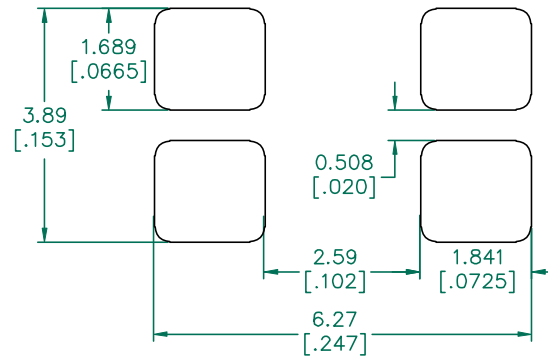
COMMON MODE ELECTRICAL CHARACTERISTICS:				
	COMMON MODE Z @ 100 MHz (Ω)	COMMON MODE Z @ 500 MHz (Ω)	DCR (Ω)	CONTINUOUS Rated Current
Nominal (Ref)	60	Nominal (Ref) 85		
Minimum	45	-		
Maximum	75	-	0.005	5,000 mA

- 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 75 M Ω.

Z vs. FREQUENCY (C,N,O)

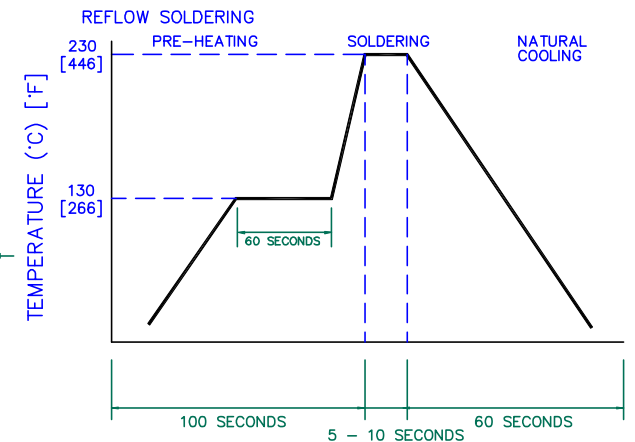


LAND PATTERNS FOR REFLOW SOLDERING

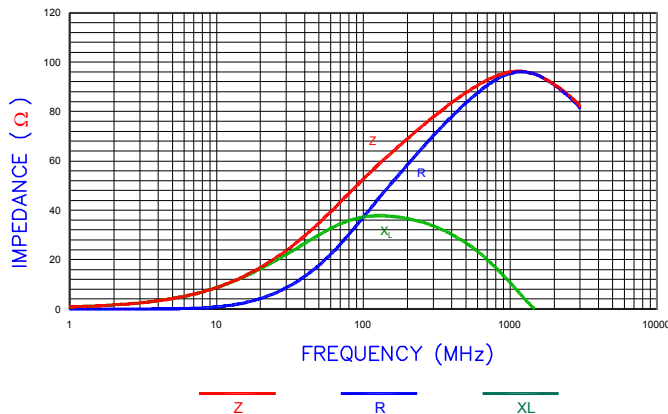


(For wave soldering, add 0.762 [0.030] to this dimension.)

RECOMMENDED SOLDERING CONDITIONS



Z, R, XL vs. FREQUENCY



DIMENSIONS ARE IN mm [INCHES].

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**Steward**

PROJECT/PART NUMBER:	REV	PART TYPE:	DRAWN BY:
CM1812R600R-00	B	CO-FIRE	JRK
DATE:	SCALE:	SHEET:	
10/22/03	NTS		
CAD #	TOOL #		
CM1812R600R-00-B	CM1812	2 of 2	

REV	DESCRIPTION	DATE	INT
B	CHG C DIMS FROM .0635, ADD 500 MHz UPDATE CURVES CHANGE TEST REF #	07/26/04	JRK
A	ORIGINAL DRAFT	10/22/03	JRK