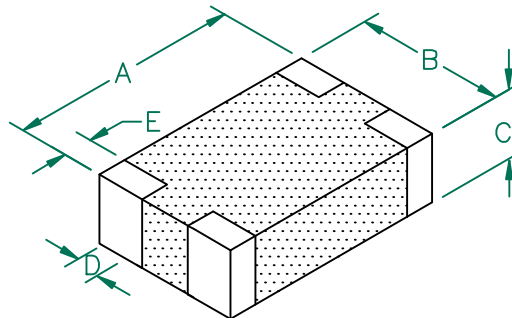


UNCONTROLLED
DOCUMENT

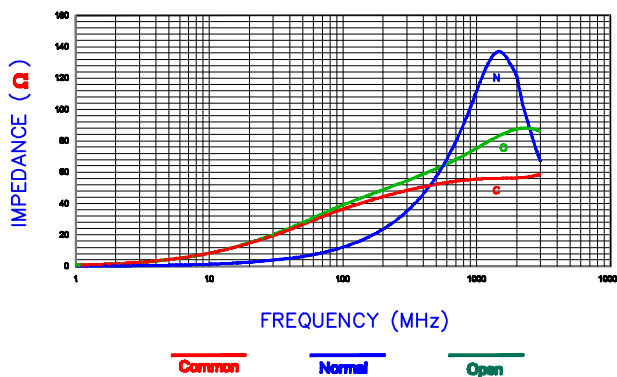
CM1812X330R-10

PHYSICAL DIMENSIONS:

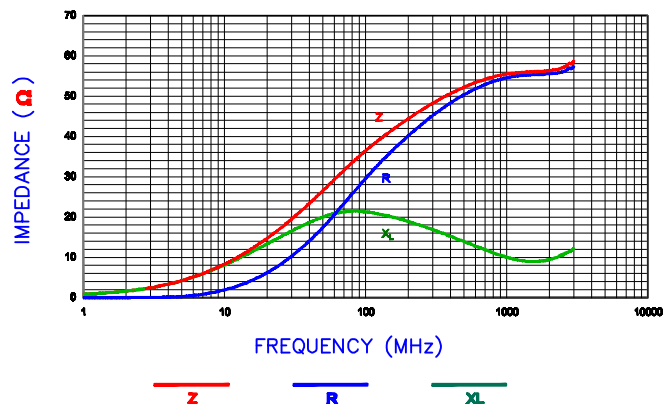
A	4.57 [.180]	+ 0.25 [.010]
B	3.05 [.120]	+ 0.25 [.010]
C	1.60 [.063]	+ 0.25 [.010]
D	1.14 [.045]	+ 0.13 [.005]
E	0.58 [.023]	+ 0.18 [.007]



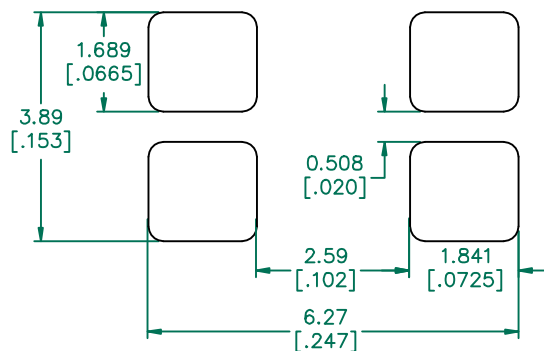
Z vs. FREQUENCY (C,N,O)



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.



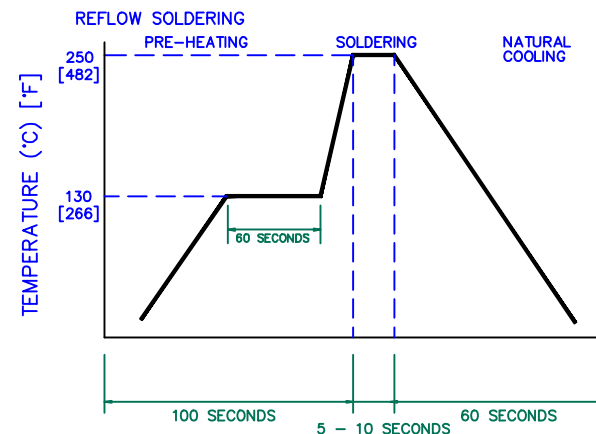
COMMON MODE ELECTRICAL CHARACTERISTICS:

COMMON MODE Z @ 100 MHz (Ω)	COMMON MODE Z @ 500 MHz (Ω)	DCR (Ω)	CONTINUOUS Rated Current
Nominal (Ref)	33	Nominal (Ref)	50
Minimum	25	—	—
Maximum	41	—	0.003

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.

RECOMMENDED SOLDERING CONDITIONS



DIMENSIONS ARE IN mm [INCHES].

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Steward **Laird**

PROJECT/PART NUMBER:	REV	PART TYPE:	DRAWN BY:
CM1812X330R-10	C	CO-FIRE	JRK
DATE: 03/02/05	SCALE: NTS	SHEET: 2 of 2	
CAD #	TOOL #		
CM1812X330R-10-C	CM1812		

Mouser Electronics

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