

Excellent Integrated System Limited

Stocking Distributor

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[CM1812R600R-00](#)

For any questions, you can email us directly:

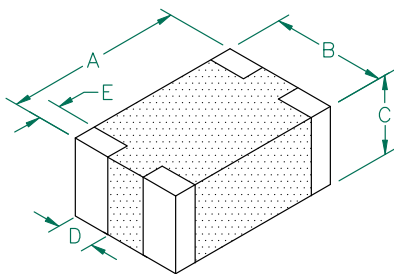
sales@integrated-circuit.com

CM1812R600R-00

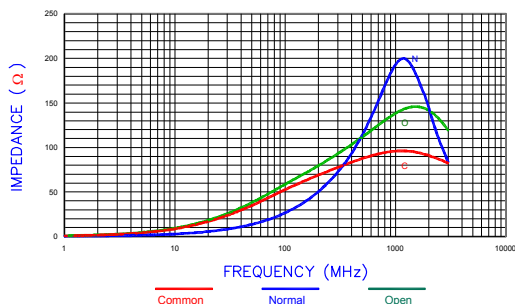
**UNCONTROLLED
DOCUMENT**

PHYSICAL DIMENSIONS:

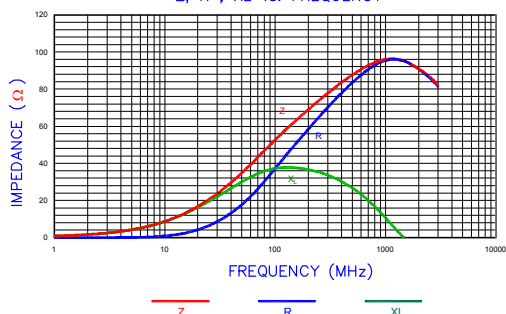
A	4.57 [.180]	± 0.25 [.010]
B	3.05 [.120]	± 0.25 [.010]
C	2.36 [.093]	± 0.25 [.010]
D	1.14 [.045]	± 0.13 [.005]
E	0.58 [.023]	± 0.18 [.007]



Z vs. FREQUENCY (C,N,O)



Z, R, XL vs. FREQUENCY



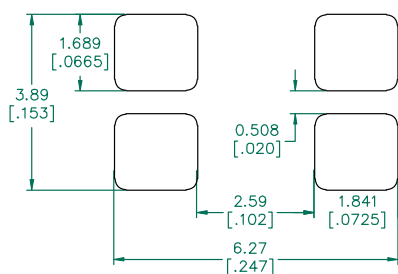
COMMON MODE ELECTRICAL CHARACTERISTICS:

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

NOTES: UNLESS OTHERWISE SPECIFIED

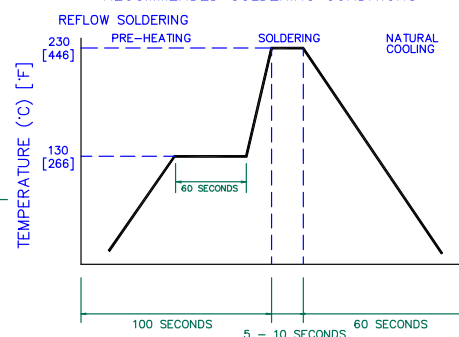
1. TAPED AND REELED per CURRENT EIA SPECIFICATIONS 13" REELS, 2500 PCS/REEL.
2. COMPONENTS SHOULD BE ADEQUATELY PREHEATED BEFORE SOLDERING.
3. U.S. PATENT 6,288,626 SHOULD APPEAR ON THE LABEL OF EACH REEL OF PACKAGED PARTS.
4. MINIMUM LINE TO LINE RESISTANCE 75 M Ω.

LAND PATTERNS FOR REFLOW SOLDERING



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

RECOMMENDED SOLDERING CONDITIONS



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	2 of 2	