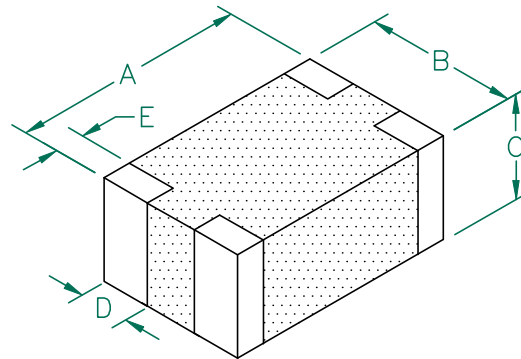


# CM1812R600R-00

**UNCONTROLLED  
DOCUMENT**

## PHYSICAL DIMENSIONS:

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



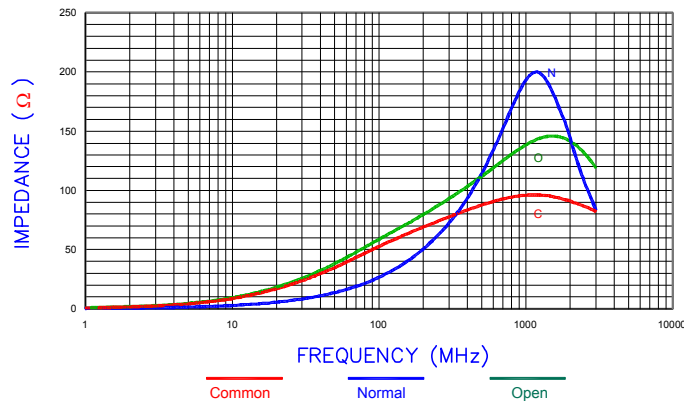
## COMMON MODE ELECTRICAL CHARACTERISTICS:

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

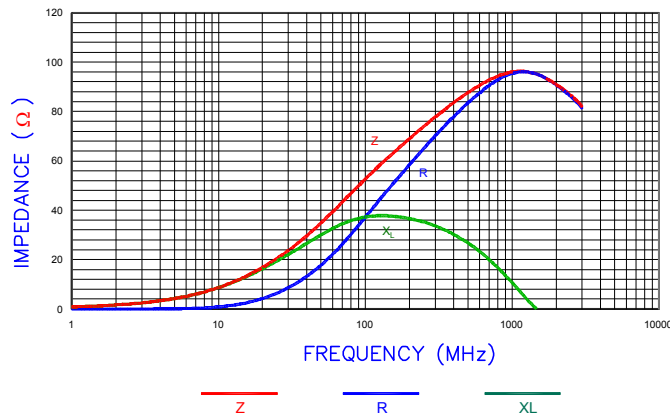
NOTES: UNLESS OTHERWISE SPECIFIED

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  $\Omega$ .

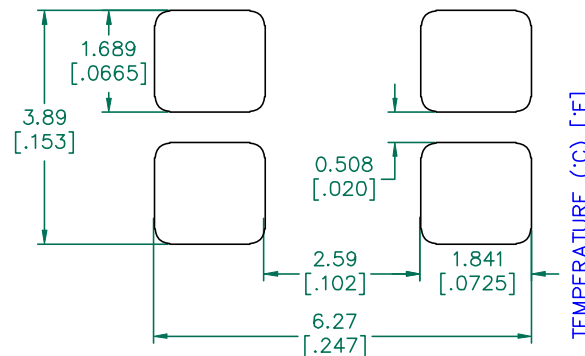
Z vs. FREQUENCY (C,N,O)



Z, R, XL vs. FREQUENCY

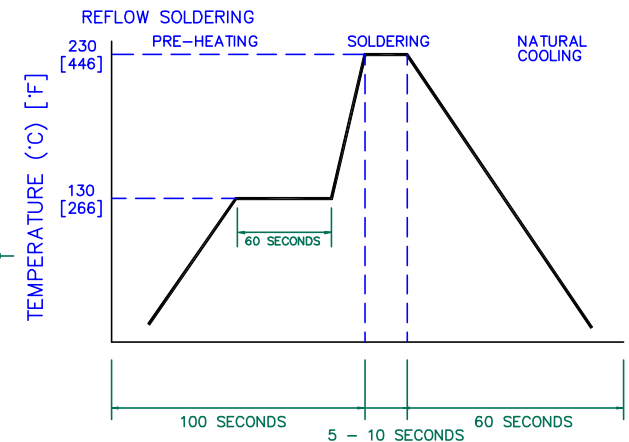


## LAND PATTERNS FOR REFLOW SOLDERING



(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	
CAD #	TOOL #		
CM1812R600R-00-B	CM1812		

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