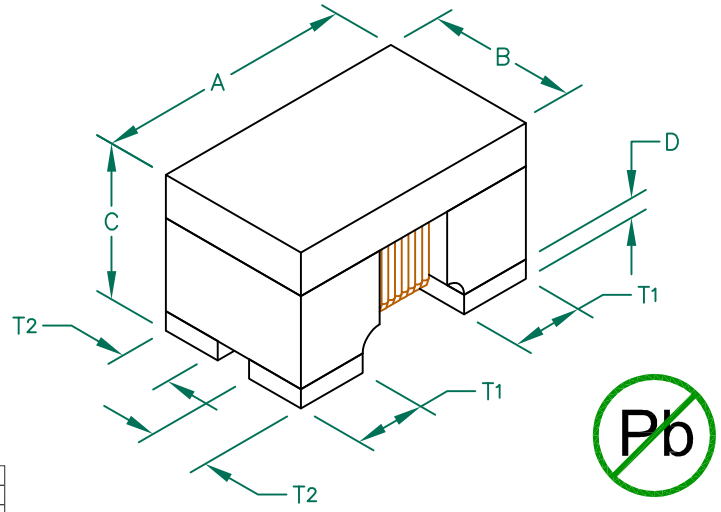
CM0805C161R-10

UNCONTROLLED DOCUMENT

PHYSICAL DIMENSIONS:

A	2.00 [.079]	± 0.20 [.008]
B	1.20 [.047]	± 0.20 [.008]
C	1.20 [.047]	± 0.20 [.008]
D	0.15 [.006]	± 0.10 [.004]
T1	0.55 [.022]	± 0.10 [.004]
T2	0.46 [.018]	± 0.10 [.004]

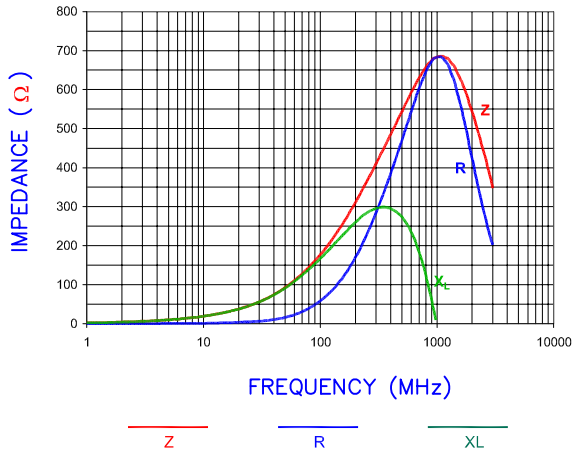


Electrical Characteristics		Nominal	Min	Max
Common Mode Impedance @ 100MHz	(Ω)	160	120	200
DCR	(Ω)	–	–	0.35
Rated Current	(mA)	–	–	300

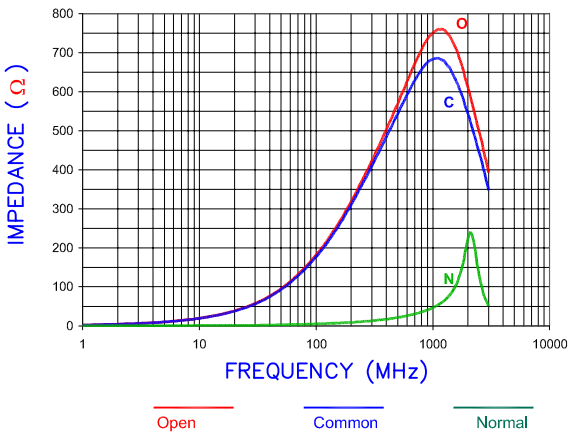
NOTES: UNLESS OTHERWISE SPECIFIED

1. TAPED AND REELED per CURRENT EIA SPECIFICATIONS 7" REELS, EMBOSSED PLASTIC TAPE 2,000 PCS/REEL.
2. TERMINATION FINISH 100% MATTE TIN.
3. COMPONENTS SHOULD BE ADEQUATELY PREHEATED BEFORE SOLDERING..
4. OPERATING TEMP. RANGE: −40°C~+125°C. (INCLUDING SELF−HEATING)

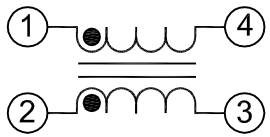
Z, R , XL vs. FREQUENCY



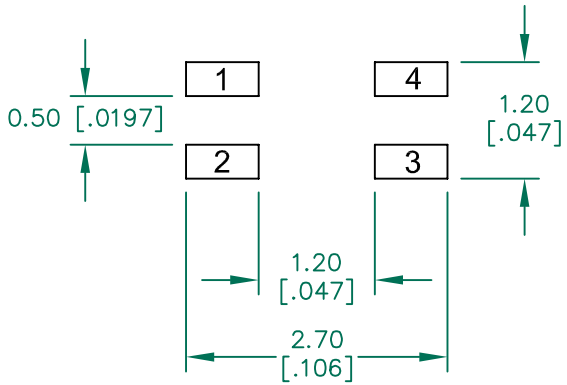
Z vs. FREQUENCY (C,N,O)



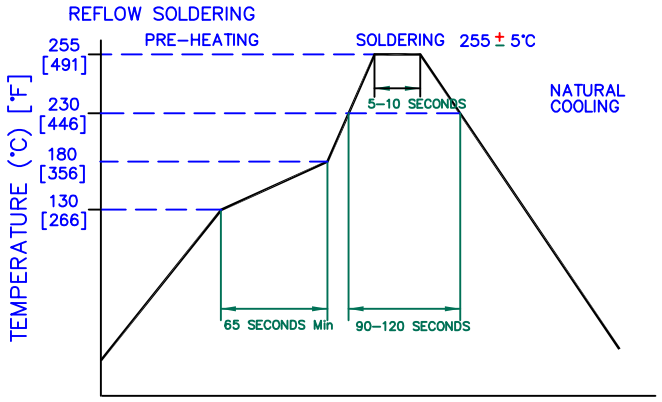
AGILENT E4991A RF Impedance/Material Analyzer
HP 16194A Test Fixture. TEST REF. 5804



LAND PATTERNS FOR REFLOW SOLDERING



RECOMMENDED SOLDERING CONDITIONS



RoHS 2002/95/EC

REV	DESCRIPTION	DATE	INT
	DIMENSIONS ARE IN mm [INCHES].		
E	ADD OPERATING TEMPERATURE UPDATE LAIRD LOGO AND REFLOW CURVE	08/05/13	QU
D	CHANGE T1 AND T2 DIMENSIONS	01/11/10	JUN
C	UPDATE COMPANY LOGO	04/28/09	JRK
B	UPDATE COMPANY LOGO	05/10/07	JRK
A	ORIGINAL DRAFT	08/11/06	JRK

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Laird

PROJECT/PART NUMBER: CM0805C161R−10	REV: E	PART TYPE: CM CHOKE	DRAWN BY: JRK
DATE: 08/11/06	SCALE: NTS	SHEET: 2 of 2	
CAD #: CM0805C161R−10−E	TOOL #: –		