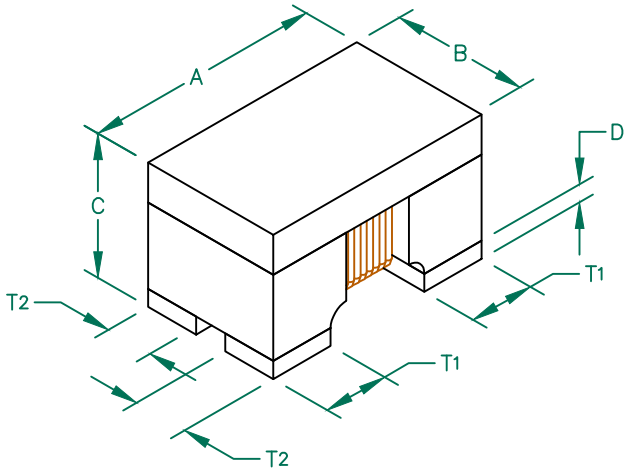
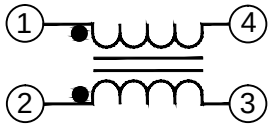
CM0805B501R-10

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]

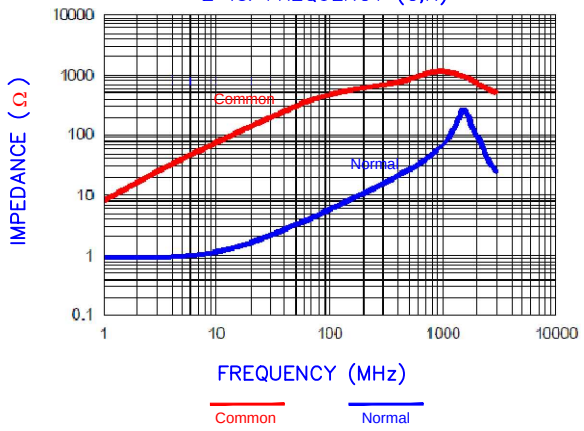




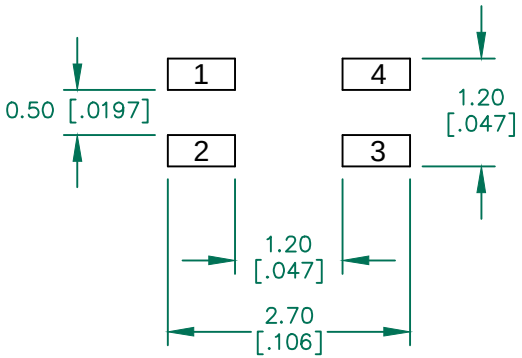
Electrical Characteristics		Nominal	Min	Max
Common Mode Impedance 100MHz	(Ω)	500	375	625
DCR	(Ω)	–	–	0.50
Rated Current	(mA)	–	–	250
Rated Voltage	(V)	–	–	50
Withstand Voltage	(V)	–	–	125
Insulation Resistance	(MΩ)	–	10	–

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 TEMPERATURE: −25°C~+85°C.
5. COSMETIC SPECIFICATION REFER TO WI−QA−124.

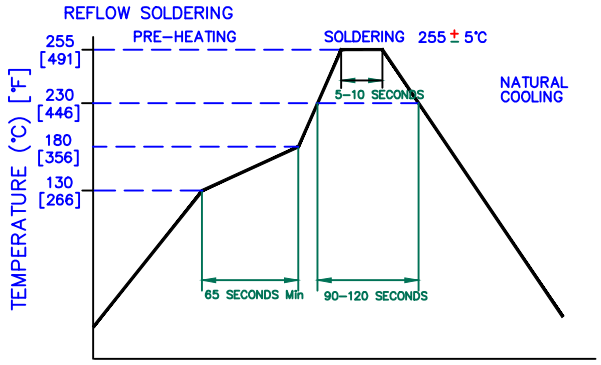
Z vs. FREQUENCY (C,N)



LAND PATTERNS FOR REFLOW SOLDERING



RECOMMENDED SOLDERING CONDITIONS



RoHS

AGILENT E4991A RF Impedance/Material Analyzer
Agilent 16194A Test Fixture.

DIMENSIONS ARE IN mm [INCHES].			
A	ORIGINAL DRAFT	08/09/12	QU
REV	DESCRIPTION	DATE	INT

This print is the property of Laird Tech. and is loaned in confidence subject to return upon request and with the understanding that no copies shall be made without the written consent of Laird Tech. All rights to design or invention are reserved.

Laird

PROJECT/PART NUMBER:	REV	PART TYPE:	DRAWN BY:
CM0805B501R−10	A	CM CHOKE	QU

DATE:	SCALE:	SHEET:
08/09/12	NTS	1 of 1

CAD # CM0805B501R−10−A
TOOL # –