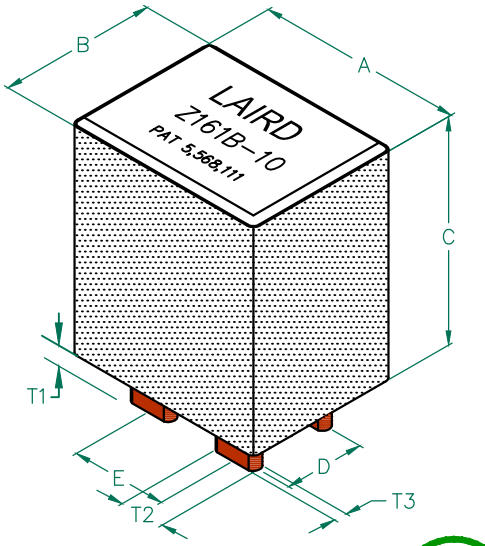
CM8663Z161B-10

PHYSICAL DIMENSIONS:

A	22.00 [.866]	± 0.40 [.016]
B	16.00 [.630]	± 0.30 [.012]
C	16.50 [.650]	± 0.25 [.010]
D	8.10 [.319]	± 0.25 [.010]
E	10.20 [.402]	± 0.50 [.020]

WIRE DIMENSIONS:

T1	3.05 [.120.]	± 0.33 [.013]
T2	5.50 [.217]	± 0.05 [.002]
T3	1.40 [.055]	± 0.05 [.002]



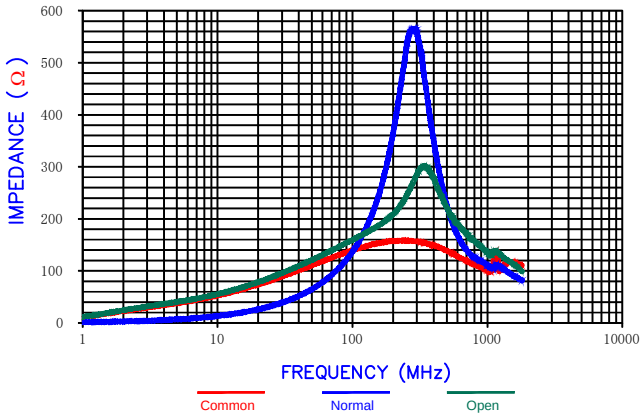
ELECTRICAL CHARACTERISTICS:

	Z @ 100MHz (Ω)	DCR (mΩ)	Rated Current (A)
Nominal	160		
Minimum	120		
Maximum	–	0.15	65Adc or 82Aac

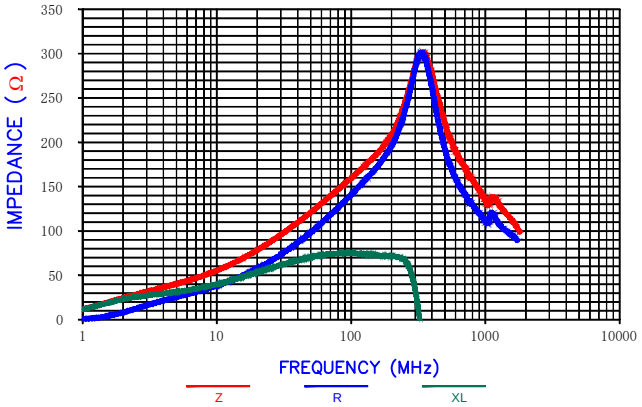
NOTES: UNLESS OTHERWISE SPECIFIED

1. RATING CURREN IS DC CURRENT THAT CAUSES THE TEMPERATURE RISE (ΔT ≤55°C) FROM 25°C AMBIENT.
2. COMPONENTS SHOULD BE ADEQUATELY PRE-HEATED BEFORE SOLDERING.
3. TERMINATION FINISH IS 100% TIN.
4. OPERATING TEMPERATURE RANGE: -40°C TO +155°C (INCLUDING SELF-HEATING).

Z vs. FREQUENCY (C,N,O)

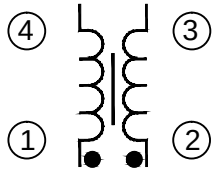


Z, R , XL vs. FREQUENCY

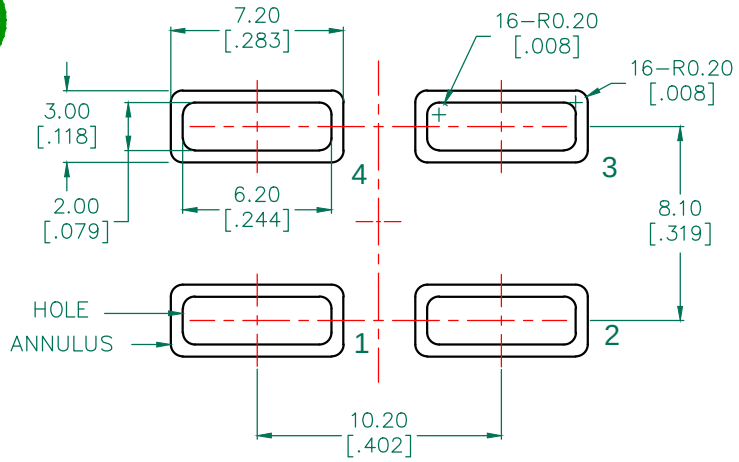


AGILENT E4991A RF Impedance/Material Analyzer
HP 16194A Test Fixture.

EQUIVALENT CIRCUIT



HOLE PATTERN FOR WAVE SOLDERING



RoHS

REV	DESCRIPTION	DATE	INT
A	ORIGINAL DRAFT	10/14/15	QIU

DIMENSIONS ARE mm IN [INCHES].

Laird

PROJECT/PART NUMBER: CM8663Z161B-10	REV: A	DRAWN BY: QIU	
DATE: 10/14/15	SCALE: NTS	MATERIAL:	
CAD #: CM8663Z161B-10-A	TOOL #: H0866-1	1 OF 2	