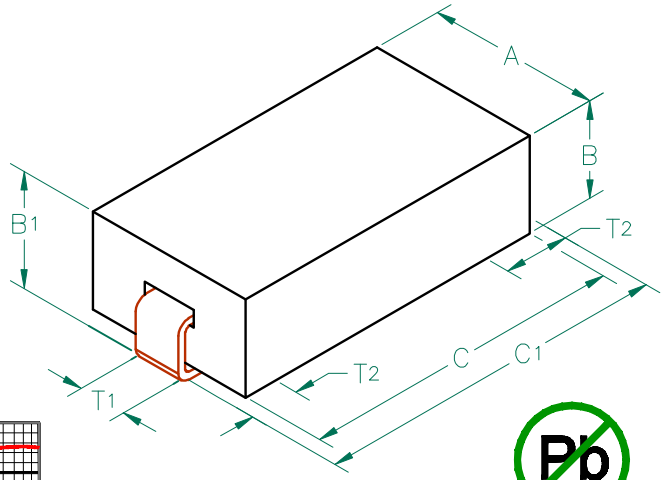
28F0181-1SR-10

PHYSICAL DIMENSIONS:

A	4.57 [.180]	±	0.08 [.003]
B	2.54 [.100]	±	0.08 [.003]
B_1	3.05 [.120]	±	MAX
C	8.51 [.335]	±	0.23 [.009]
C_1	9.53 [.375]	±	MAX

WIRE DIMENSIONS:

T_1	1.27 [.050]	±	REF.
T_2	1.52 [.060]	±	0.51 [.020]



ELECTRICAL CHARACTERISTICS:

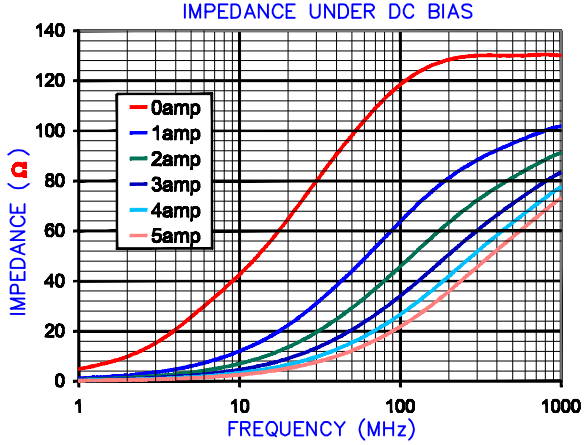
	Z (Ω) @ 25MHz	Z (Ω) @ 100MHz	DCR (Ω)	Rated Current
Nominal	67	115		
Minimum	–	87		
Maximum	–	144	.001	10,000 mA

NOTES: UNLESS OTHERWISE SPECIFIED

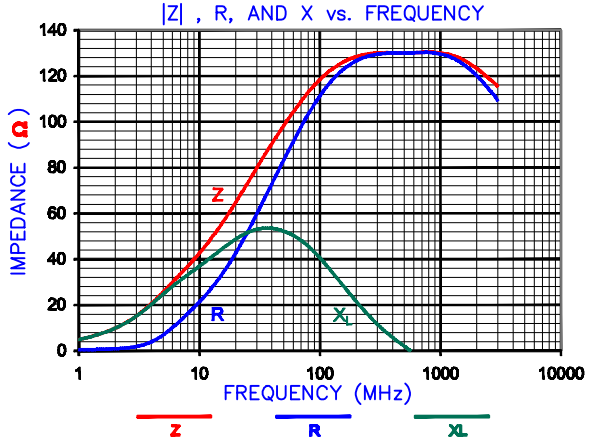
1. TAPED AND REELED per CURRENT EIA SPECS. 13" REELS, 2,500 pcs/REEL.
2. COMPONENTS SHOULD BE ADEQUATELY PREHEATED BEFORE SOLDERING.
3. REF. CARRIER TAPE SPECIFICATION # CART181–13.
4. TERMINATION FINISH IS 100% TIN.

Pb

Z vs. FREQUENCY
IMPEDANCE UNDER DC BIAS

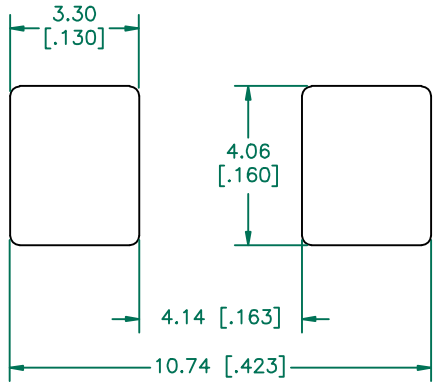


|Z| , R, AND X vs. FREQUENCY

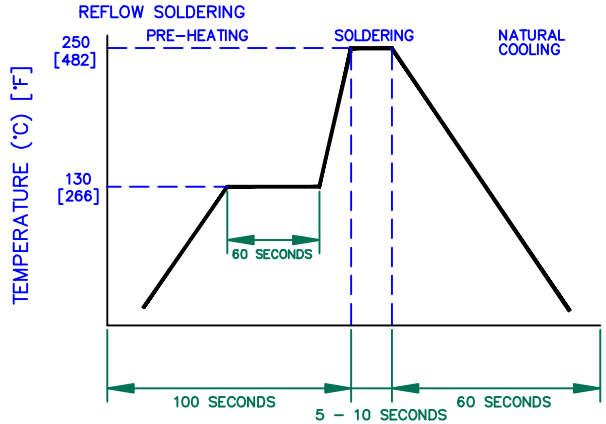


AGILENT E4991A RF Impedance/Material Analyzer
HP 16092A Test Fixture. TEST REF. 3625

LAND PATTERNS FOR REFLOW SOLDERING



RECOMMENDED SOLDERING CONDITIONS



UNCONTROLLED DOCUMENT

REV	DESCRIPTION	DATE	INT
D	UPDATE COMPANY LOGO	10/24/08	JRK
C	UPDATE COMPANY LOGO	04/19/07	JRK
B	CORRECT CURRENT RATING	01/12/06	JRK
A	ORIGINAL DRAFT	04/22/04	JRK

DIMENSIONS ARE IN mm [INCHES].

Laird TECHNOLOGIES

PROJECT/PART NUMBER:	REV	PART TYPE:	DRAWN BY:
28F0181–1SR–10	D	ASSEMBLY	JRK

DATE: 04/22/04 | SCALE: NTS | SHEET: 2 of 3

CAD # 28F0181–1SR–10–2–D | TOOL # H0181