

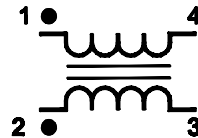
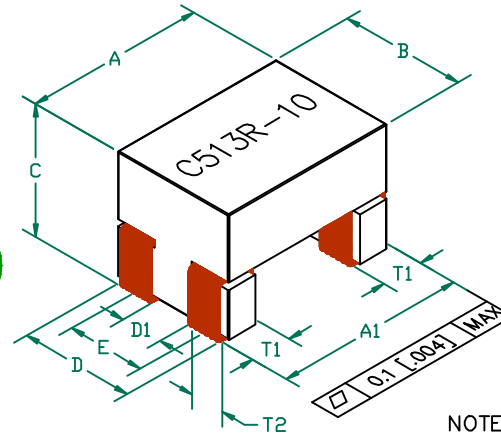
ROHS

CC1812C513R-10

UNCONTROLLED DOCUMENT

ELECTRICAL SPECIFICATION @ 25°C
 OPERATING TEMPERATURE RANGE: -40°C TO +125°C

PARAMETER SYMBOL	TEST LEADS	CONDITIONS	REQUIREMENTS		
			MIN	TYP	MAX
Lp (μH)	1-4	@ 100KHz/ 10mV	35.7	51	66.3
L LEAKAGE (μH)	1-4 (s' 2-3)	@ 100KHz/ 10mV			2.6
TRP	1-4/2-3		1 : 1 +/- 5%		
DCR (Ω)	1-4 2-3				0.50
Hi-pot (Vac)	Primary Secondary	0.5mA, 2sec.	250		
RATED CURRENT (mA)					200
RATED VOLTAGE (Vdc)					80



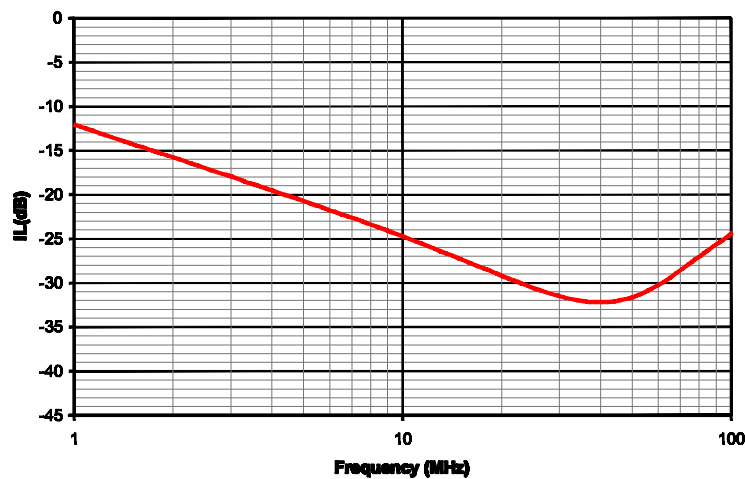
PHYSICAL DIMENSIONS:

A	5.00 [.197]	±	MAX.
A1	5.20 [.205]	±	MAX.
B	3.50 [.138]	±	MAX.
C	3.55 [.140]	±	MAX.
D	1.95 [.077]	±0.55 [.022]	
D1	1.00 [.039]	+0.90 [.035] -0.20 [.008]	
E	1.65 [.065]	±0.55 [.022]	
T1	1.00 [.039]	±	TYP.
T2	0.50 [.020]	±0.20 [.008]	

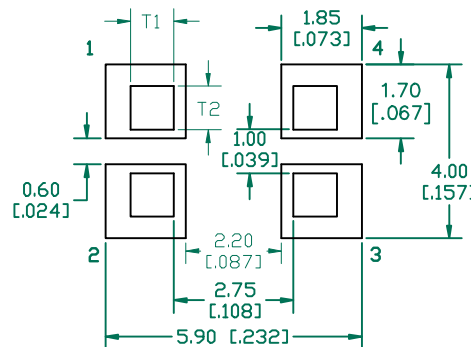
NOTES: UNLESS OTHERWISE SPECIFIED

1. TAPED AND REELED ON 13" REELS, 2000 PCS/REEL.
2. OPEN BOTTOM CONSTRUCTION.
3. PRE-TINNED DIMENSIONS AND TOLERANCES.

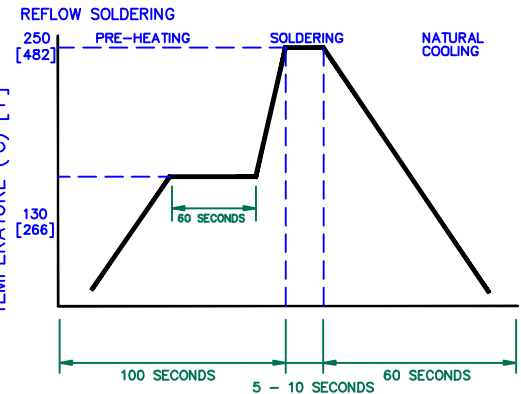
Typical Insertion Loss @ 50 ohm



LAND PATTERNS FOR REFLOW SOLDERING



RECOMMENDED SOLDERING CONDITIONS



DIMENSIONS ARE IN mm [INCHES].				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	
E	ADD RATING VOLTAGE	07/25/13	QU	PROJECT/PART NUMBER:	REV	PART TYPE:	DRAWN BY:
D	UPDATE TERMINAL DIMS, TEST VOLTAGE	03/11/10	JUN	CC1812C513R-10	E	ASSEMBLY	JRK
C	UPDATE COMPANY LOGO	04/07/09	JRK	DATE:	SCALE:	NTS	SHEET:
B	UPDATE COMPANY LOGO	05/08/07	JRK	06/09/05			
A	ORIGINAL DRAFT	06/09/05	JRK	CAD #	TOOL #		
REV	DESCRIPTION	DATE	INT	CC1812C513R-10-E			1 of 1