

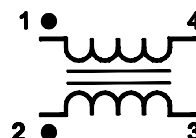
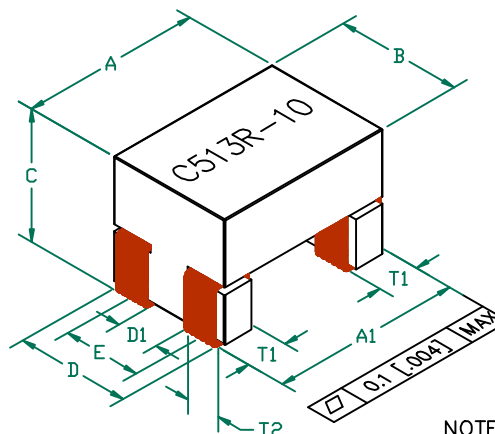
ROHS

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



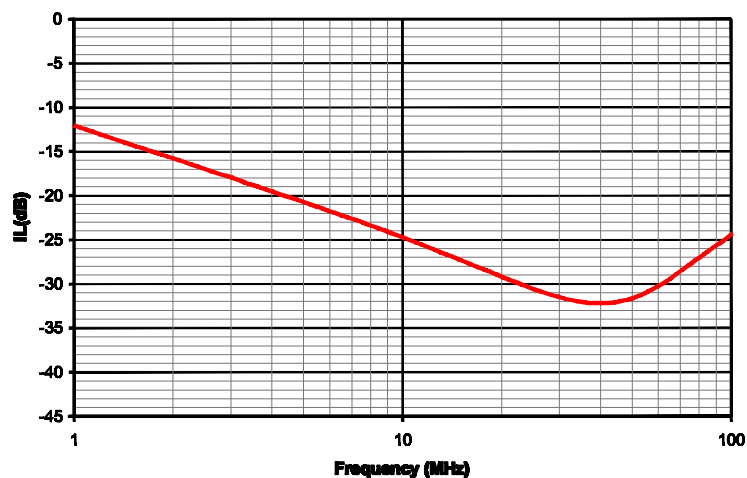
PHYSICAL DIMENSIONS:

A	5.00	[.197]	+	MAX.
A ₁	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

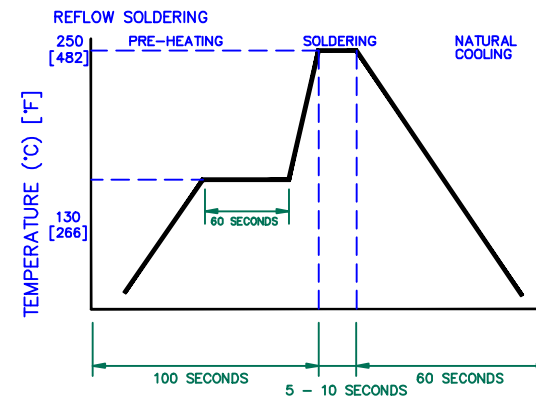
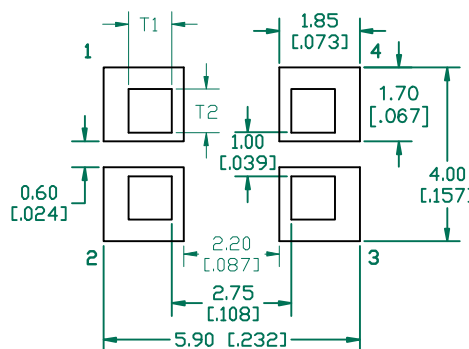
1. TAPED AND REELED ON 13" REELS, 2000 PCS/REEL.
2. OPEN BOTTOM CONSTRUCTION.
3. PRE-TINNED DIMENSIONS AND TOLERANCES.

Typical Insertion Loss @ 50 ohm



RECOMMENDED SOLDERING CONDITIONS

LAND PATTERNS FOR REFLOW SOLDERING



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.			
E	ADD RATING VOLTAGE	07/25/13	QU	PROJECT/PART NUMBER: CC1812C513R-10			
D	UPDATE TERMINAL DIMS, TEST VOLTAGE	03/11/10	JUN				
C	UPDATE COMPANY LOGO	04/07/09	JRK				
B	UPDATE COMPANY LOGO	05/08/07	JRK				
A	ORIGINAL DRAFT	06/09/05	JRK				
REV	DESCRIPTION	DATE	INT	DATE: 06/09/05	SCALE: NTS	SHEET: 1 of 1	

Laird