



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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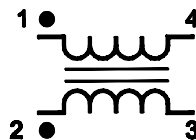
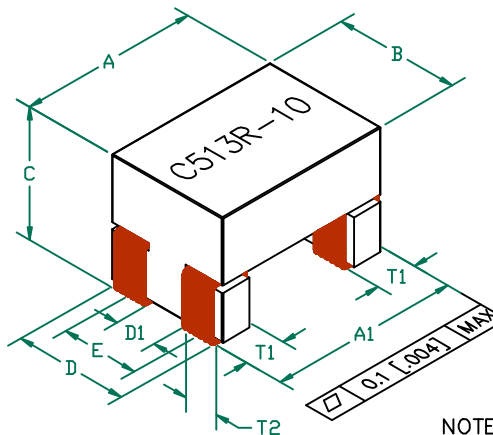
ROHS

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



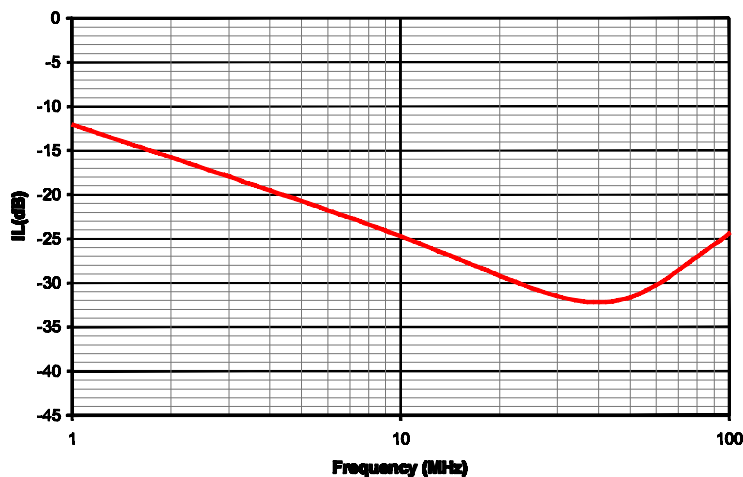
PHYSICAL DIMENSIONS:

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]

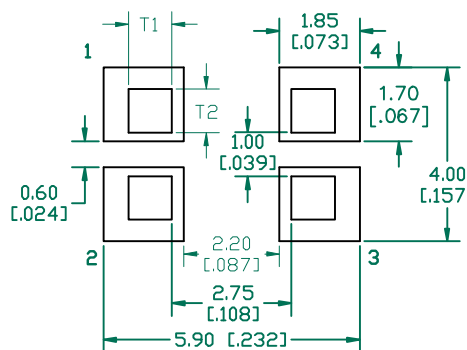
NOTES: UNLESS OTHERWISE SPECIFIED

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

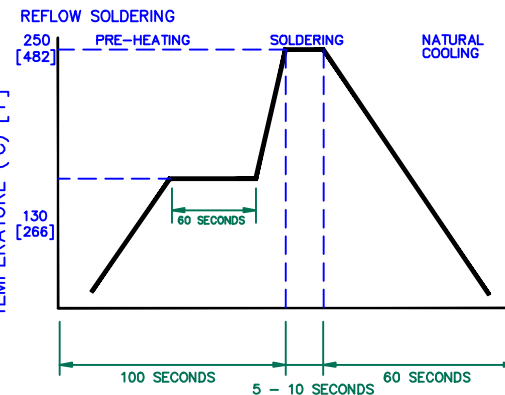
Typical Insertion Loss @ 50 ohm



LAND PATTERNS FOR REFLOW SOLDERING



RECOMMENDED SOLDERING CONDITIONS



DIMENSIONS ARE IN mm [INCHES].

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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 #		1 of 1
REV	DESCRIPTION	DATE	INT	CC1812C513R-10-E			