



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!



## Contact us

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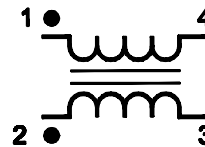
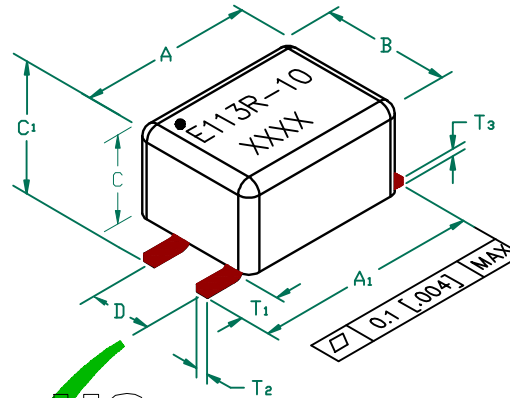


# CC2824E113R-10

**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)	1-4/2-3	@ 100KHz/ 10mV	7.7	11	14.3
L LEAKAGE (μH)	1-4 (s' 2-3)	@ 100KHz/ 10mV		0.05	
TRP			1 : 1 +/- 5%		
DCR (Ω)	1-4/2-3			0.12	0.156
Hi-pot	wdg-wdg	(Vac) .5mA, 2sec.	250		
RATED CURRENT (mA)					800
RATED VOLTAGE (Vdc)					80



**PHYSICAL DIMENSIONS:**

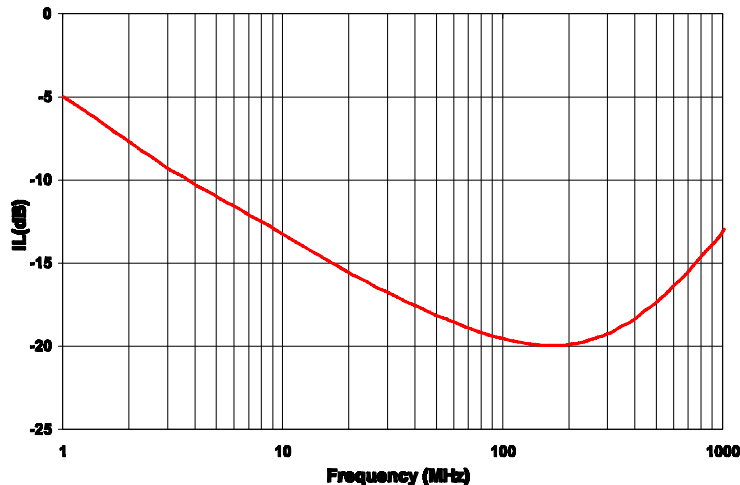
A	7.50 [ .295 ]	+	MAX.
A <sub>1</sub>	9.00 [ .354 ]	+	0.40 [ .016 ]
B	5.50 [ .217 ]	+	MAX.
C	3.80 [ .150 ]	+	MAX.
C <sub>1</sub>	4.90 [ .193 ]	+	MAX.
D	2.54 [ .100 ]	+	0.10 [ .004 ]
T <sub>1</sub>	1.75 [ .069 ]	+	TYP.
T <sub>2</sub>	0.50 [ .020 ]	+	0.10 [ .004 ]
T <sub>3</sub>	0.30 [ .012 ]	+	0.10 [ .004 ]

WEIGHT/1000 0.28 kgs [ .62 Lbs ]

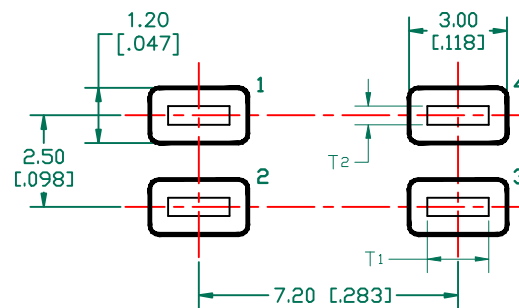
NOTES: UNLESS OTHERWISE SPECIFIED

1. TAPED AND REELED ON 13" REELS, 1500 PCS/REEL.
2. OPEN BOTTOM CONSTRUCTION.

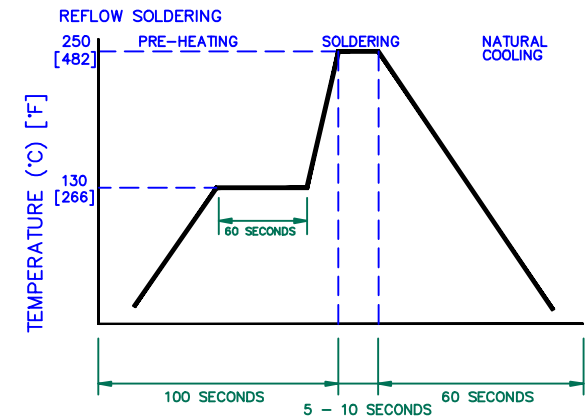
Typical Insertion Loss @ 50 ohm



**LAND PATTERNS FOR REFLOW SOLDERING**



**RECOMMENDED SOLDERING CONDITIONS**



DIMENSIONS ARE IN mm [INCHES].

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E	ADD RATING VOLTAGE	07/25/13	QIU	PROJECT/PART NUMBER:	REV	PART TYPE:	DRAWN BY:
D	CHANGE THE INDUCTANCE TEST VOLTAGE	03/11/10	JUN	CC2824E113R-10	E	ASSEMBLY	JRK
C	UPDATE COMPANY LOGO	04/08/09	JRK	DATE:	SCALE:	NTS	SHEET:
B	UPDATE COMPANY LOGO	05/09/07	JRK	06/08/05			
A	ORIGINAL DRAFT	06/08/05	JRK	CAD #	TOOL #		1 of 1
REV	DESCRIPTION	DATE	INT	CC2824E113R-10-E			