

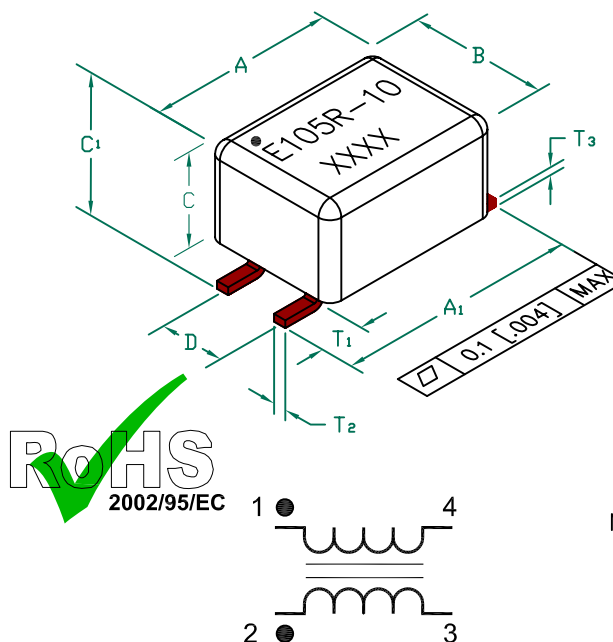


CC2824E105R-10

**UNCONTROLLED
DOCUMENT**

ELECTRICAL SPECIFICATION @ 25°C
OPERATING TEMPERATURE RANGE: 0°C TO +125°C

PARAMETER SYMBOL	TEST LEADS	CONDITIONS	REQUIREMENTS		
			MIN	TYP	MAX
Lp (μH)	1-4/2-3	@ 100KHz/ 10mV	700	1000	1500
L LEAKAGE (μH)	1-4 (s' 2-3)	@ 100KHz/ 10mV		0.20	
TRP			1 : 1 +/- 5%		
DCR(Ω)	1-4/2-3			0.20	0.26
Hi-pot	wdg-wdg	(Vac) .5mA, 2sec.	750		
I (mA)					700



PHYSICAL DIMENSIONS:

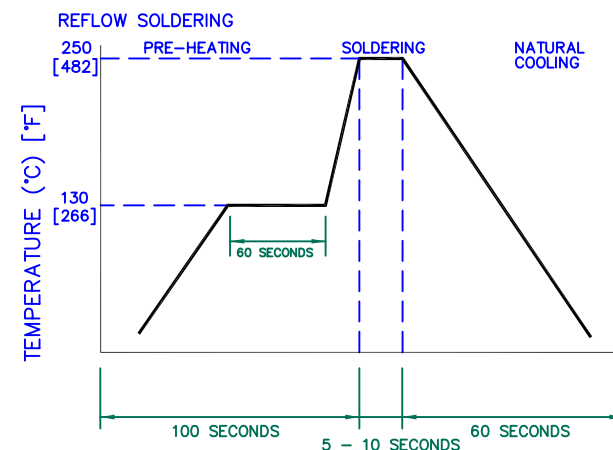
A	7.50 [.295]	+	MAX.
A1	9.00 [.354]	+	0.40 [.016]
B	5.50 [.217]	+	MAX.
C	3.80 [.150]	+	MAX.
C1	4.90 [.193]	+	MAX
D	2.54 [.100]	+	0.10 [.004]
T1	1.75 [.069]	+	TYP.
T2	0.50 [.020]	+	0.10 [.004]
T3	0.30 [.012]	+	0.10 [.004]

WEIGHT/1000 0.28 kgs [.62 Lbs]

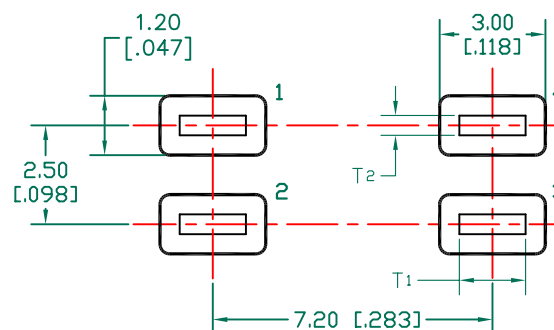
NOTES: UNLESS OTHERWISE SPECIFIED

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

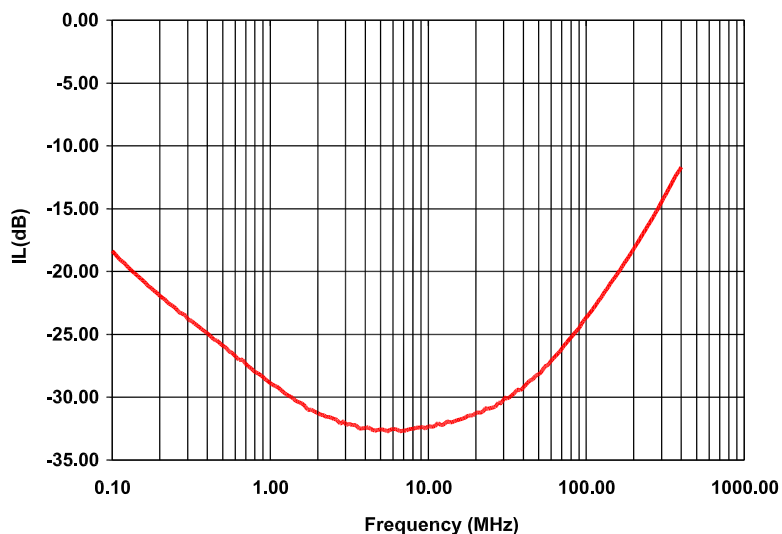
RECOMMENDED SOLDERING CONDITIONS



LAND PATTERNS FOR REFLOW SOLDERING



Typical Insertion Loss @ 50 ohm



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 TECHNOLOGIES®			
PROJECT/PART NUMBER:				REV	PART TYPE:	DRAWN BY:	
D	CHANGE THE INDUCTANCE TEST VOLTAGE	03/11/10	JUN	CC2824E105R-10		JRK	
C	UPDATE COMPANY LOGO	05/08/07	JRK	DATE:	06/07/05	SCALE: NTS	
B	UPDATE COMPANY LOGO	05/08/07	JRK	CAD #	CC2824E105R-10-D	SHEET: 2 of 2	
A	ORIGINAL DRAFT	06/07/05	JRK	TOOL #	-		
REV	DESCRIPTION	DATE	INT				