

PHYSICAL DIMENSIONS:

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

WEIGHT/1000 0.28 kgs [.62 Lbs]

CM2824E182R-10

**UNCONTROLLED
DOCUMENT**

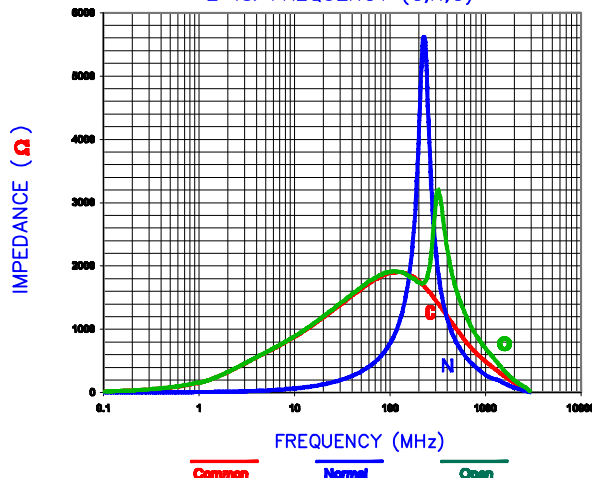
ELECTRICAL SPECIFICATION @ 25°C
OPERATING TEMPERATURE RANGE: -40°C TO +125°C

PARAMETER SYMBOL	REQUIREMENTS		
	MIN	TYP	MAX
Z SPEC @ 100 MHz	1,350	1,800	
DCR(Ω)			0.26
RATED CURRENT (mA)			800
RATED VOLTAGE (Vdc)			80

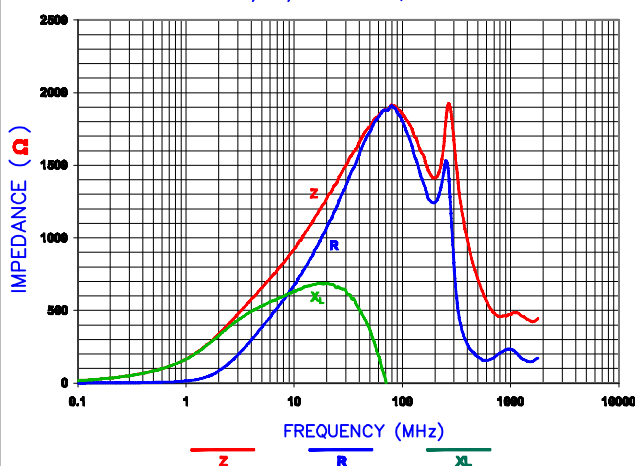
NOTES: UNLESS OTHERWISE SPECIFIED

1. TAPED AND REELED ON 13" REELS, 1500 PCS/REEL.
2. OPEN BOTTOM CONSTRUCTION.
3. COMPONENTS SHOULD BE ADEQUATELY PREHEATED BEFORE SOLDERING.

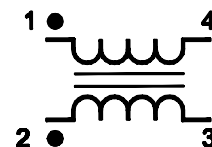
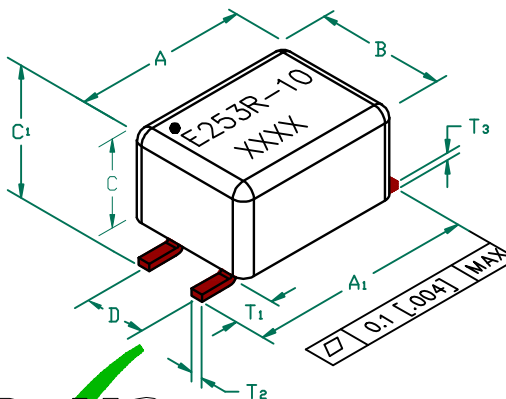
Z vs. FREQUENCY (C,N,O)



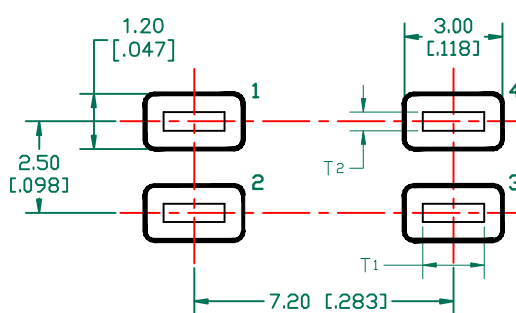
Z, R, XL vs. FREQUENCY



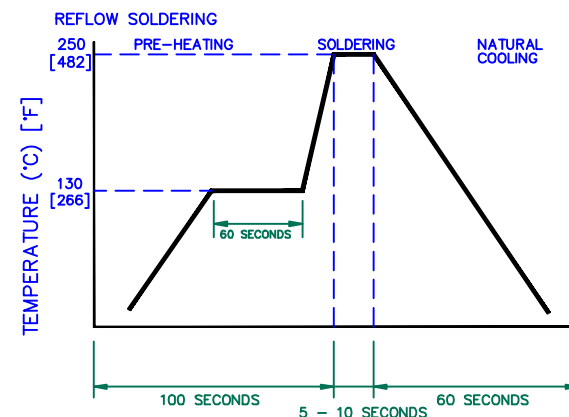
AGILENT E4991A RF Impedance/Material Analyzer
HP 16194A Test Fixture. TEST REF. 5366



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	REMOVE IMPEDANCE UPPER SPEC	01/29/10	JUN	CM2824E182R-10	E	COMMON MODE CHOKE	JRK
C	UPDATE COMPANY LOGO	05/01/09	JRK	DATE:	05/16/06	SCALE:	NTS
B	UPDATE COMPANY LOGO	11/20/07	JRK	CAD #		TOOL #	
A	ORIGINAL DRAFT	05/16/06	JRK				
REV	DESCRIPTION	DATE	INT	CM2824E182R-10-E			1 of 1