

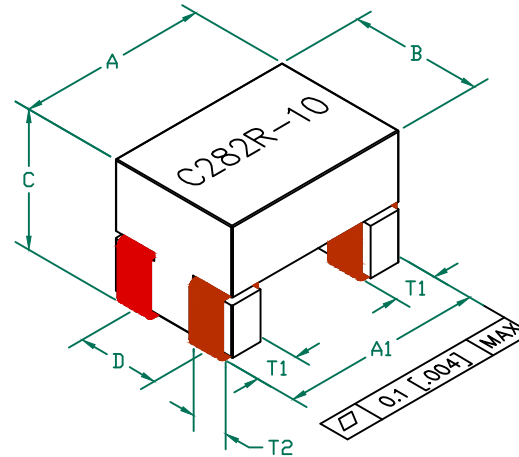
CM1812C282R-10

PHYSICAL DIMENSIONS:

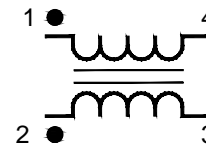
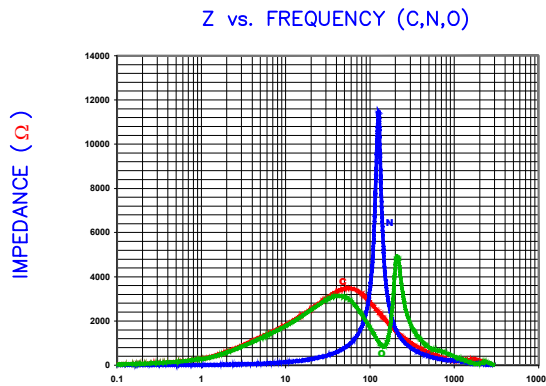
A	5.00	[.197]	+	MAX.
A ₁	5.20	[.205]	+	MAX.
B	3.50	[.138]	+	MAX.
C	3.55	[.140]	+	MAX.
D	1.65	[.065]	+	0.55 [.022]
T1	1.00	[.039]	+	0.40 [.016]
T2	0.50	[.020]	+	0.20 [.008]

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

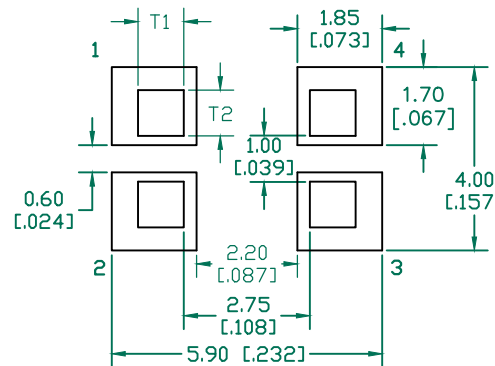
PARAMETER SYMBOL	REQUIREMENTS		
	MIN	TYP	MAX
Z SPEC Ω @ 100 MHz	2,115	2,820	3,525
DCR (Ω)			0.50
RATED CURRENT (mA)			200
RATED VOLTAGE (Vdc)			80



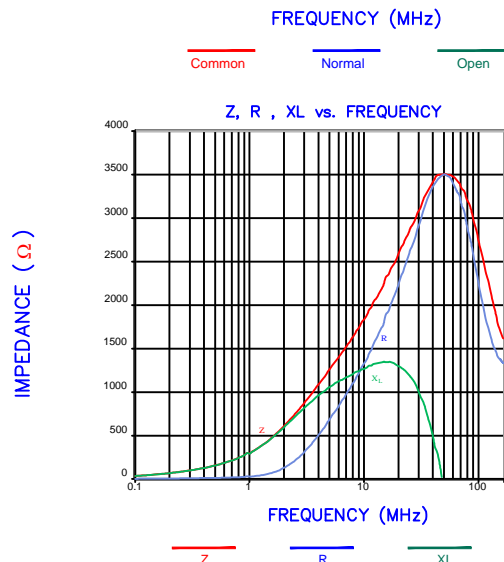
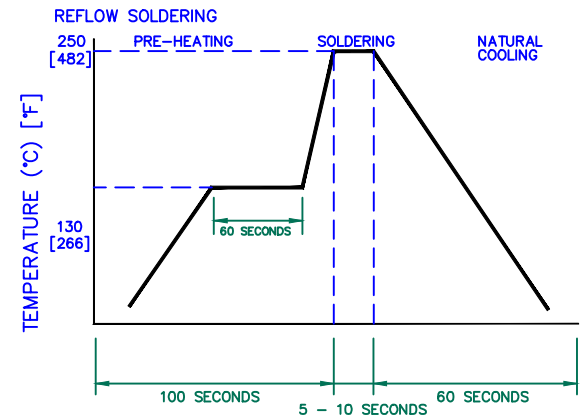
- NOTES: UNLESS OTHERWISE SPECIFIED
1. TAPED AND REELED ON 13" REELS, 2000 PCS/REEL.
 2. OPEN BOTTOM CONSTRUCTION.
 3. COMPONENTS SHOULD BE ADEQUATELY PREHEATED BEFORE SOLDERING.
 4. PRE-TINNED DIMENSIONS AND TOLERANCES.



LAND PATTERNS FOR REFLOW SOLDERING



RECOMMENDED SOLDERING CONDITIONS



DIMENSIONS ARE IN mm [INCHES].

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E	CHANGE MARKING TO "C282R-10"	12/27/17	QIU	PROJECT/PART NUMBER:	REV	PART TYPE:	DRAWN BY:
D	ADD DIMENSIONS TOLERANCE AND RATING VOLTAGE	08/06/13	QIU	CM1812C282R-10	E	COMMON MODE CHOKE	QIU
C	UPDATE COMPANY LOGO	04/28/09	JRK	DATE:	SCALE:	SHEET:	
B	UPDATE COMPANY LOGO	05/15/07	JRK	05/16/06	NTS		
A	ORIGINAL DRAFT	05/16/06	JRK	CAD #	TOOL #		
REV	DESCRIPTION	DATE	INT	CM1812C282R-10-E			1 of 1