

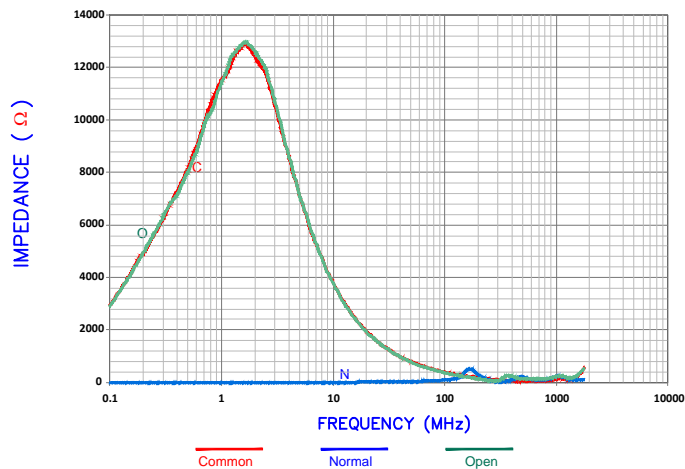
# CM2824B103R-10

## PHYSICAL DIMENSIONS:

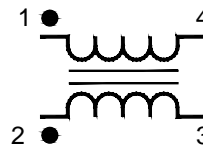
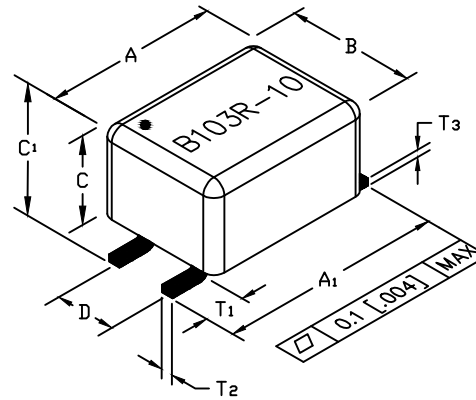
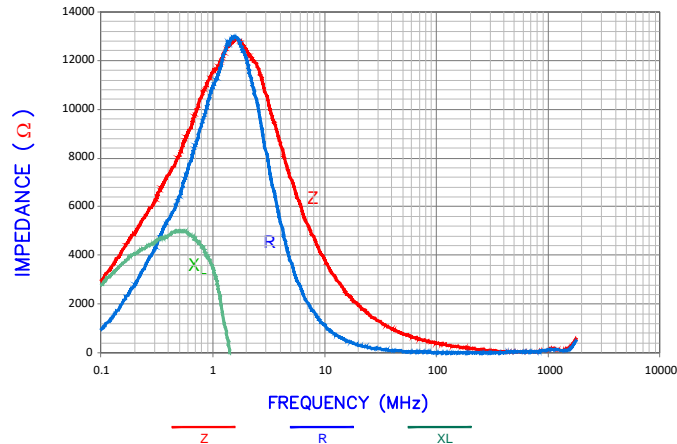
A	7.50 [.295]	MAX.
A <sub>1</sub>	9.00 [.354]	+ 0.40 [.016]
B	5.50 [.217]	MAX.
C	3.80 [.150]	MAX.
C <sub>1</sub>	4.90 [.193]	MAX.
D	2.54 [.100]	+ 0.10 [.004]
T <sub>1</sub>	1.75 [.069]	TYP.
T <sub>2</sub>	0.50 [.020]	+ 0.10 [.004]
T <sub>3</sub>	0.30 [.012]	+ 0.10 [.004]

WEIGHT/1000 0.28 kgs [.62 Lbs]

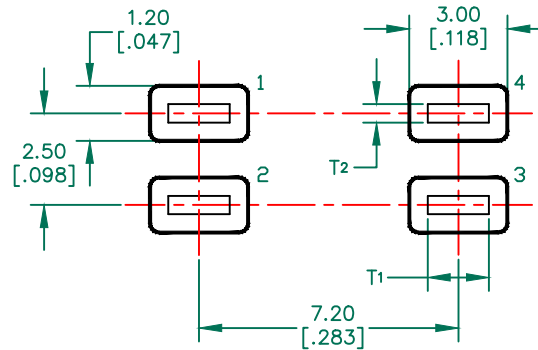
Z vs. FREQUENCY (C,N,O)



Z, R, XL vs. FREQUENCY



## LAND PATTERNS FOR REFLOW SOLDERING



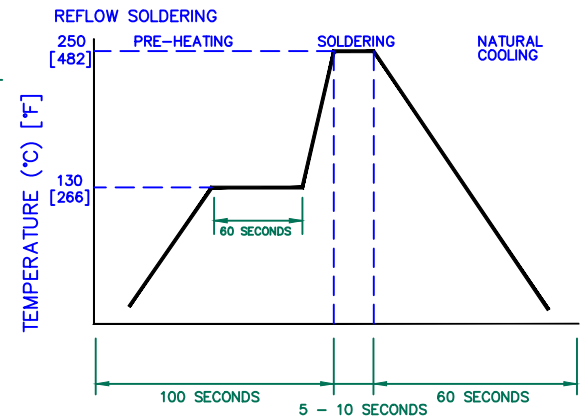
ELECTRICAL SPECIFICATION @ 25°C  
OPERATING TEMPERATURE RANGE: -40°C TO +100°C

PARAMETER SYMBOL	REQUIREMENTS		
	MIN	TYP	MAX
Z SPEC @ 1 MHz	7,500	10,000	
DCR(Ω)			1.30
RATED CURRENT (mA)			200
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.

## RECOMMENDED SOLDERING CONDITIONS



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.	
H	CHANGE MARKING	07/18/16	QIU	PROJECT/PART NUMBER: <b>CM2824B103R-10</b>	REV <b>H</b>
G	ADD RATING VOLTAGE	07/25/13	QIU		
F	CHANGE OPERATING TEMPERATURE FROM 0~100°C	12/17/12	QIU		
E	CHANGE OPERATING TEMPERATURE AND REMOVE IMPEDANCE UPPER SPEC	01/29/10	JUN		
D	CHANGE CURVE	11/03/09	JUN	PART TYPE: COMMON MODE CHOKES	DRAWN BY: JRK
C	UPDATE COMPANY LOGO	05/01/09	JRK		
B	CHANGE CURRENT RATING FROM 400 mA	02/19/07	JRK	SCALE: NTS	SHEET: 1 of 1
A	ORIGINAL DRAFT	05/16/06	JRK	DATE: 05/16/06	TOOL # -
REV	DESCRIPTION	DATE	INT	GAD # CM2824B103R-10-H	

