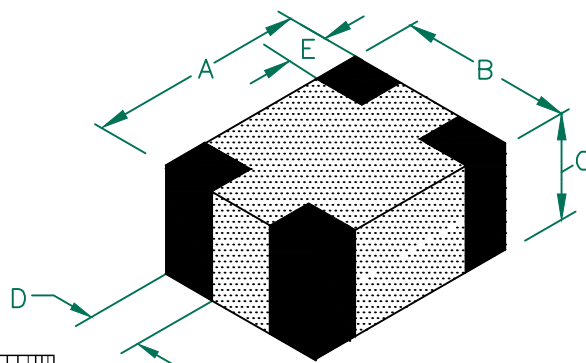


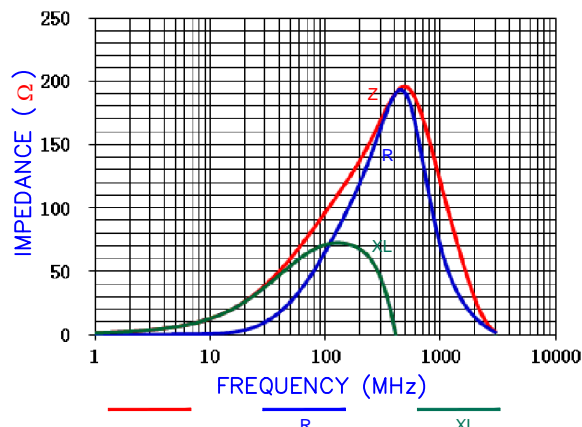
CF0805D900R-10

PHYSICAL DIMENSIONS:

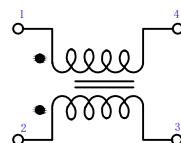
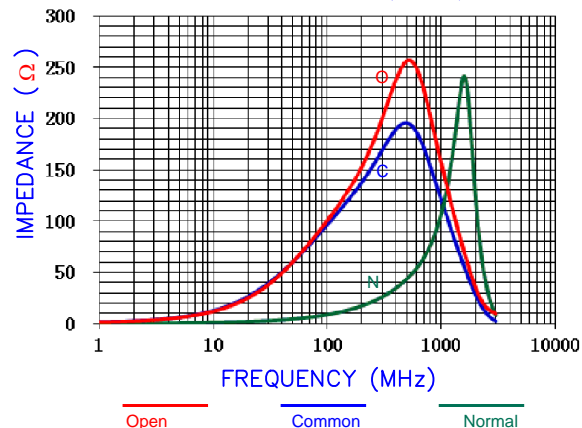
A	2.00 [.079]	± 0.20 [.008]
B	1.25 [.049]	± 0.20 [.008]
C	1.00 [.039]	± 0.10 [.004]
D	0.30 [.012]	± 0.20 [.008]
E	0.40 [.016]	± 0.20 [.008]



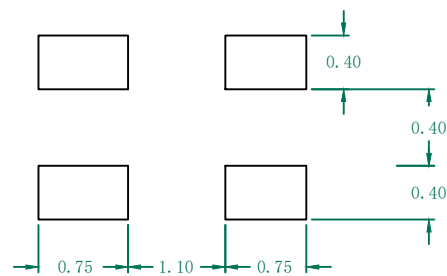
Z, R, XL vs. FREQUENCY



Z vs. FREQUENCY (C,N,O)



LAND PATTERNS FOR REFLOW SOLDERING

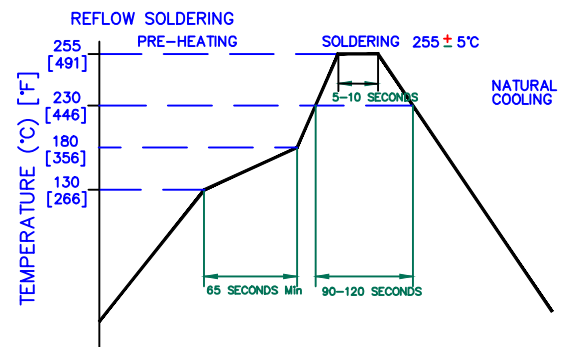


Electrical Characteristics		Min.	Nominal	Max.
Common Mode Impedance	Ω	68	90	113
DCR	Ω			0.40
Rated Voltage	Vdc			10
Rated Current	mA			400
Cut Off Frequency	GHz		1	
Insulation Resistance	MΩ	200		

NOTES: UNLESS OTHERWISE SPECIFIED

1. TAPED AND REELED per CURRENT EIA SPECIFICATIONS 7" REELS, EMBOSSED PLASTIC TAPE, 3000 PCS/REEL.
2. TERMINATION FINISH IS 100% MATTE TIN.
3. COMPONENTS SHOULD BE ADEQUATELY PREHEATED BEFORE SOLDERING.
4. OPERATING TEMP. RANGE: $-40^{\circ}\text{C} \sim +125^{\circ}\text{C}$. (INCLUDING SELF-HEATING)

RECOMMENDED SOLDERING CONDITIONS



RoHS

AGILENT E4991A RF Impedance/Material Analyzer
AGILENT 16194A Test Fixture.

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.			
D	ADD Rated Voltage AND IR..	06/09/15	QU				
C	ADD OPERATING TEMPERATURE UPDATE COMPANY LOGO	08/05/13	QU	PROJECT/PART NUMBER: CF0805D900R-10			
B	UPDATE REFLOW UPDATE Z, R, X AND C,N,O CURVE	12/23/12	QU	DATE:	03/02/10	SCALE:	NTS
A	ORIGINAL DRAFT	03/02/10	JUN	CAD #	CF0805D900R-10-D	TOOL #	-
REV	DESCRIPTION	DATE	INT	REV	D	PART TYPE:	CO-FIRE
				DRAWN BY:		JUN	
						SHEET:	
						1 of 1	

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