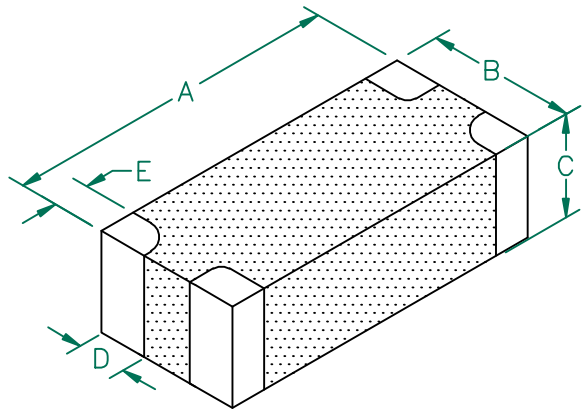


CM3312R111R-10

**UNCONTROLLED
DOCUMENT**

PHYSICAL DIMENSIONS:

A	8.50	[.335]	$\pm$ 0.25	[.010]
B	3.05	[.120]	$\pm$ 0.25	[.010]
C	2.36	[.093]	$\pm$ 0.25	[.010]
D	1.14	[.045]	$\pm$ 0.13	[.005]
E	0.76	[.030]	$\pm$ 0.18	[.007]

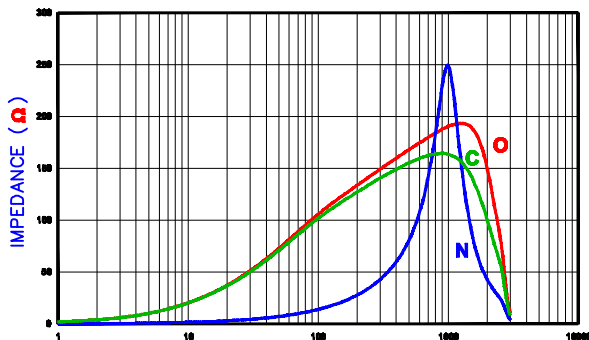


COMMON MODE ELECTRICAL CHARACTERISTICS:				
COMMON MODE Z @ 100 MHz (Ω)		COMMON MODE Z @ 500 MHz (Ω)		DCR (Ω)
Nominal	110	Nominal (Ref)	150	
Minimum	83		–	
Maximum	138		–	0.005
				5,000 mA

NOTES: UNLESS OTHERWISE SPECIFIED

1. TAPED AND REELED per CURRENT EIA SPECIFICATIONS 13" REELS, 2500 PCS/REEL.
2. COMPONENTS SHOULD BE ADEQUATELY PREHEATED BEFORE SOLDERING.
3. U.S. PATENT 6,288,626 SHOULD APPEAR ON THE LABEL OF EACH REEL OF PACKAGED PARTS.
4. TERMINATION FINISH IS 100% TIN.

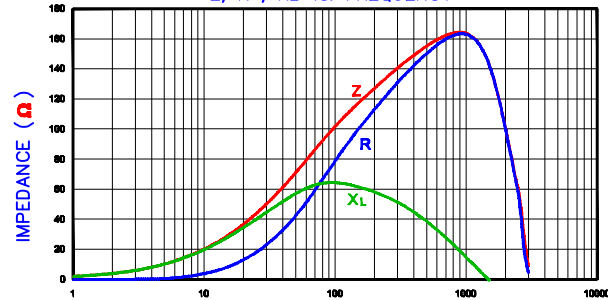
Z vs. FREQUENCY (C,N,O)



FREQUENCY (MHz)

Common Normal Open

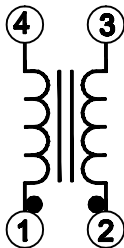
Z, R, XL vs. FREQUENCY



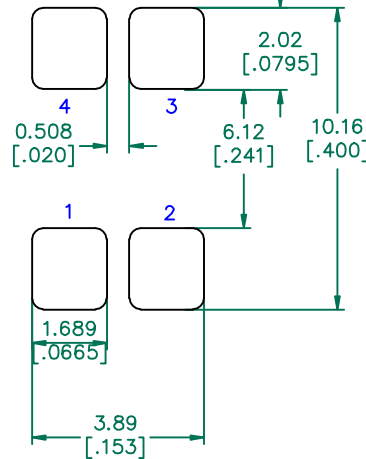
FREQUENCY (MHz)

Z R XL

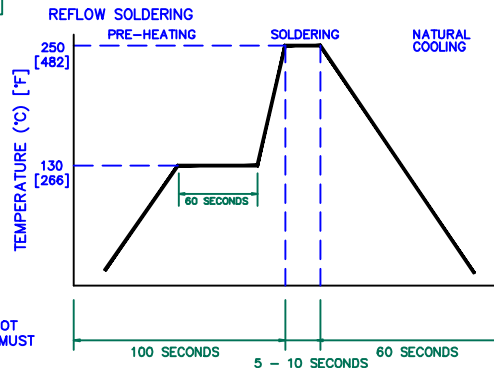
EQUIVALENT CIRCUIT



LAND PATTERNS FOR REFLOW SOLDERING



RECOMMENDED SOLDERING CONDITIONS



DURING AND AFTER SOLDERING OPERATION SOLDER MUST NOT BE ALLOWED TO BRIDGE CONTACTS. CONTACT SEPARATION MUST BE MAINTAINED.



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.			
E	UPDATE COMPANY LOGO ADD PIN NO. ADD EQUIVALENT CIRCUIT	11/19/08	JRK	Laird TECHNOLOGIES			
D	UPDATE COMPANY LOGO	11/26/07	JRK				
C	CHG E DIMS FROM .023 ADD RADIUS TO PART CHANGE DIMENSIONS ON LAND PATTERN	11/01/06	JRK	PROJECT/PART NUMBER:	REV	PART TYPE:	DRAWN BY:
B	CORRECT OCN CURVE DATA	04/20/06	JRK	CM3312R111R-10	E	CO-FIRE	JRK
A	ORIGINAL DRAFT	07/27/05	JRK	DATE:	07/27/05	SCALE:	NTS
REV	DESCRIPTION	DATE	INT	CAD #	CM3312R111R-10-E	TOOL #	CM3312
						SHEET: 2 of 2	