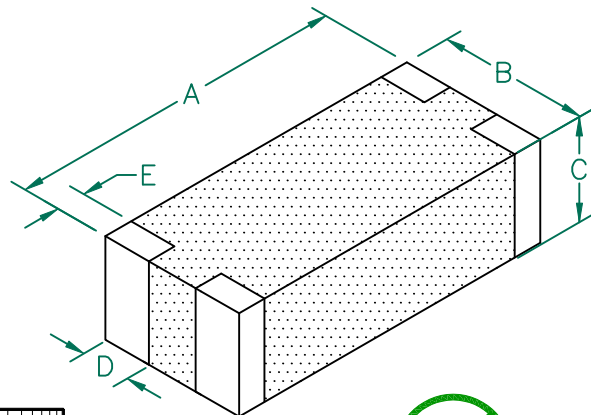


# CM3312R111R-10

**UNCONTROLLED DOCUMENT**

**PHYSICAL DIMENSIONS:**

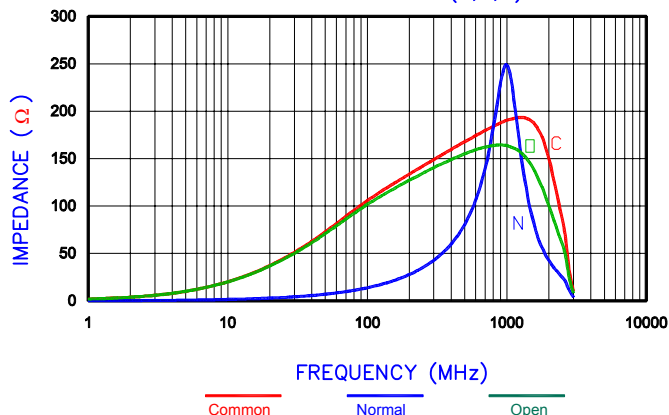
A	8.50 [.335]	+ 0.25 [.010]
B	3.05 [.120]	+ 0.25 [.010]
C	2.36 [.093]	+ 0.25 [.010]
D	1.14 [.045]	+ 0.13 [.005]
E	0.58 [.023]	+ 0.18 [.007]



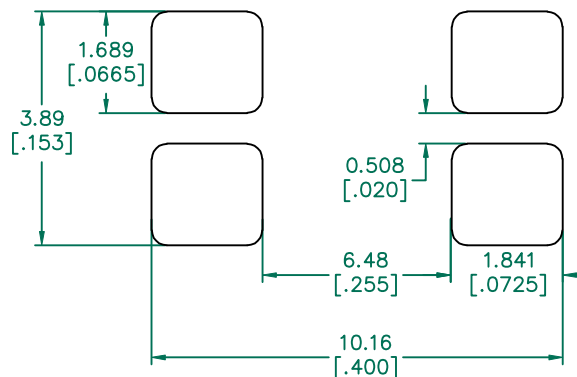
COMMON MODE ELECTRICAL CHARACTERISTICS:				
	COMMON MODE Z @ 100 MHz (Ω)	COMMON MODE Z @ 500 MHz (Ω)	DCR (Ω)	CONTINUOUS Rated Current
Nominal	110	Nominal (Ref)	150	
Minimum	83		-	
Maximum	138		-	5,000 mA

- 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.

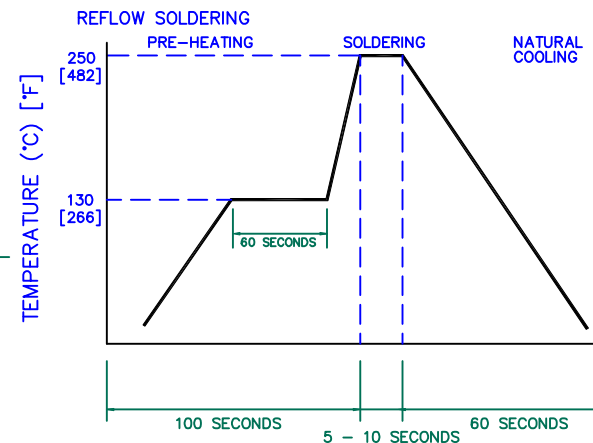
Z vs. FREQUENCY (C,N,O)



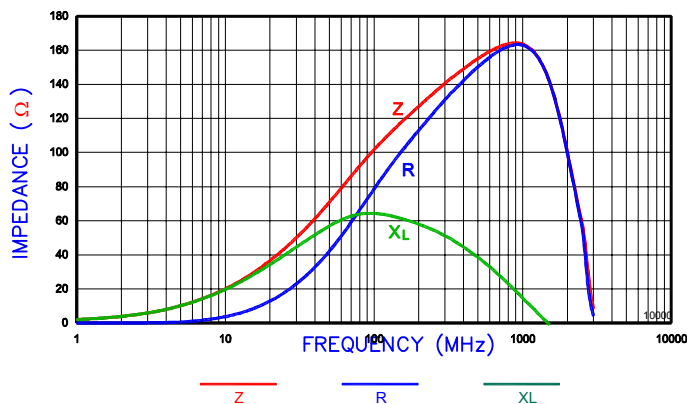
**LAND PATTERNS FOR REFLOW SOLDERING**



**RECOMMENDED SOLDERING CONDITIONS**



Z, R, XL vs. FREQUENCY



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



DIMENSIONS ARE IN mm [INCHES].

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**Steward**

PROJECT/PART NUMBER: CM3312R111R-10	REV A	PART TYPE: CO-FIRE	DRAWN BY: JRK
DATE: 07/27/05	SCALE: NTS	SHEET: 2 of 2	

REV	DESCRIPTION	DATE	INT
A	ORIGINAL DRAFT	07/27/05	JRK