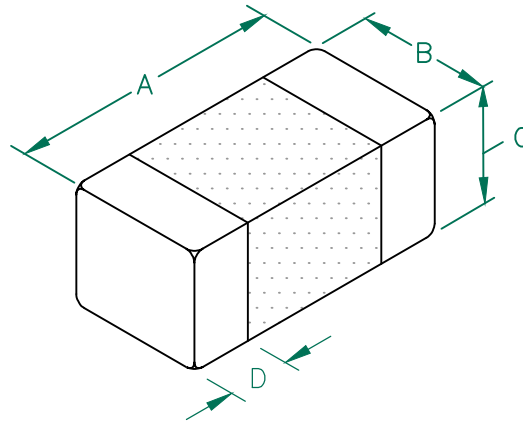


# MI0603J102R-10

## PHYSICAL DIMENSIONS:

A	1.60 [.063]	$\pm$	0.15	[.006]
B	0.80 [.031]	$\pm$	0.15	[.006]
C	0.80 [.031]	$\pm$	0.15	[.006]
D	0.36 [.014]	$\pm$	0.15	[.006]



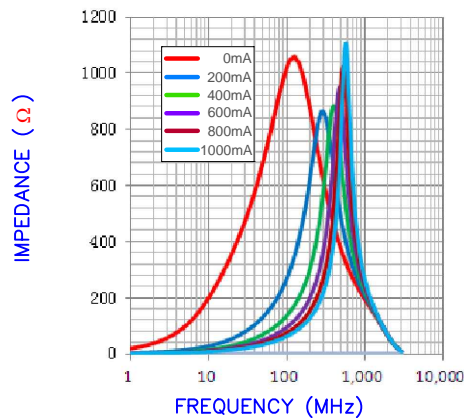
## ELECTRICAL CHARACTERISTICS:

Z @ 100MHz ( $\Omega$ )	DCR ( $\Omega$ )	Rated Current
Nominal	1000	
Minimum	750	
Maximum	1250	0.20
		1000 mA

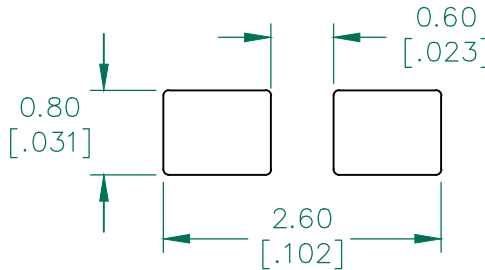
NOTES: UNLESS OTHERWISE SPECIFIED

1. TAPED AND REELED per CURRENT EIA SPECIFICATIONS 7" REELS, 4000 PCS/REEL. PAPER TAPE.
2. TERMINATION FINISH IS 100% TIN.
3. COMPONENTS SHOULD BE ADEQUATELY PREHEATED BEFORE SOLDERING.
4. OPERATING TEMP. RANGE:  $-55^{\circ}\text{C} \sim +125^{\circ}\text{C}$  (INCLUDING SELF-HEATING)

Z vs FREQUENCY  
IMPEDANCE UNDER DC BIAS

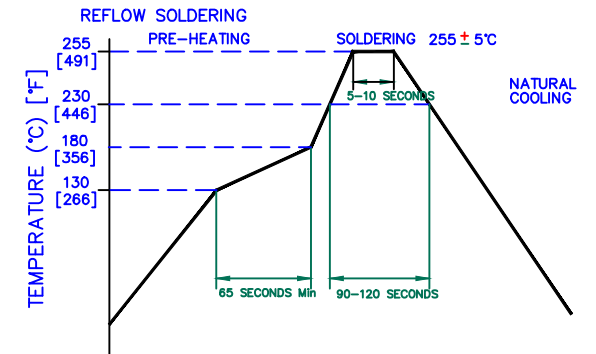


LAND PATTERNS FOR REFLOW SOLDERING

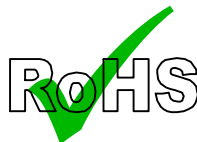
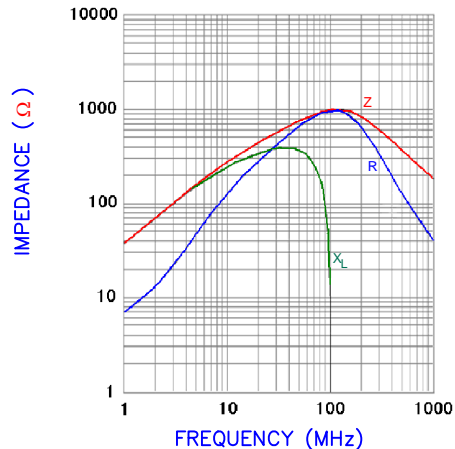


(For wave soldering, add 0.762 [.030] to this dimension)

RECOMMENDED SOLDERING CONDITIONS



|Z|, R, AND X vs. FREQUENCY



DIMENSIONS ARE IN mm [INCHES].

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PROJECT/PART NUMBER:

MI0603J102R-10

REV C PART TYPE: CO-FIRE DRAWN BY: QU

REV	DESCRIPTION	DATE	INT	DATE:	SCALE:	SHEET:
C	UPDATE LAIRD LOGO AND NOTES 4	08/05/13	QU	11/26/12	-	2 of 2
B	ADD DC BIAS CURVE	11/26/12	QU			
A	ORIGINAL DRAFT	03/01/09	QU			
REV				CAD #	TOOL #	