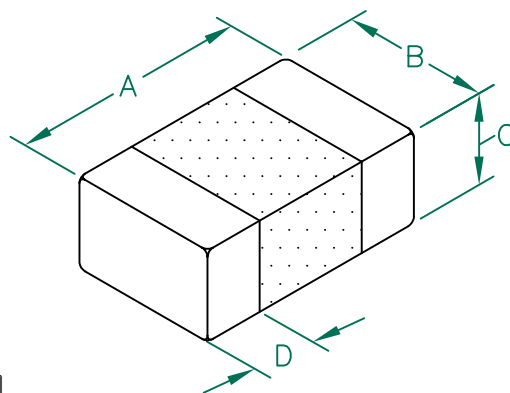


# MI0805M221R-10

**UNCONTROLLED DOCUMENT**

## PHYSICAL DIMENSIONS:

A	2.00 [.079]	+ 0.20 [.008]
B	1.25 [.049]	+ 0.20 [.008]
C	0.90 [.035]	+ 0.20 [.008]
D	0.51 [.020]	+ 0.25 [.010]



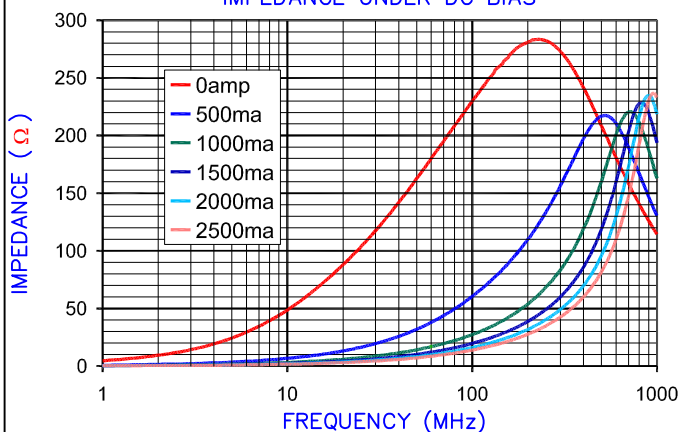
## ELECTRICAL CHARACTERISTICS:

Z @ 100MHz (Ω)	DCR (Ω)	Rated Current
Nominal	220	
Minimum	165	
Maximum	275	2500 mA

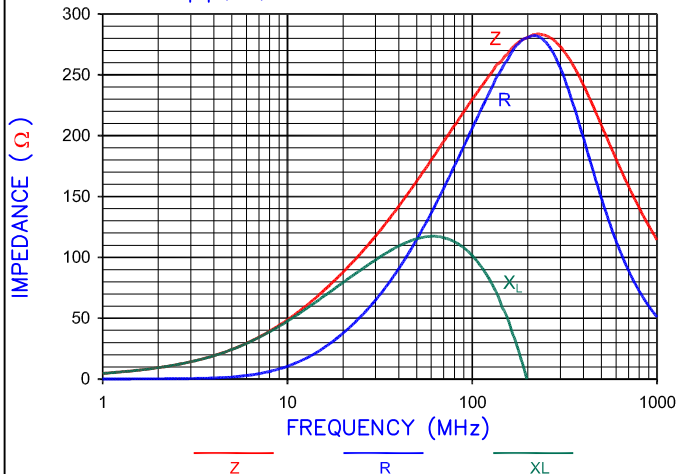
NOTES: UNLESS OTHERWISE SPECIFIED

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: -40°C~+125°C. (INCLUDING SELF-HEATING)

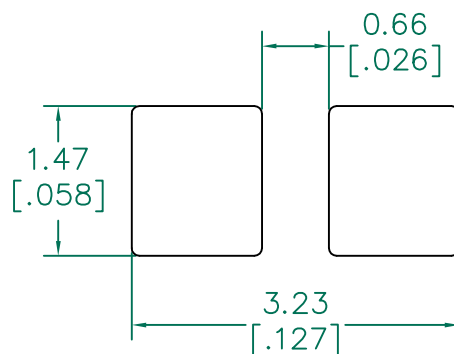
Z vs. FREQUENCY  
IMPEDANCE UNDER DC BIAS



|Z|, R, AND XL vs. FREQUENCY

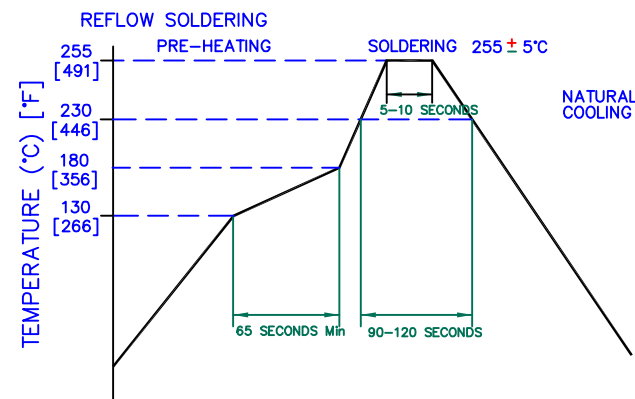


## LAND PATTERNS FOR REFLOW SOLDERING



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

## RECOMMENDED SOLDERING CONDITIONS



DIMENSIONS ARE IN mm [INCHES].

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D	ADD OPERATING TEMPERATURE UPDATE LAIRD LOGO AND REFLOW CURVE	08/05/13	QU	PROJECT/PART NUMBER: <b>MI0805M221R-10</b>	REV <b>D</b>	PART TYPE: <b>CO-FIRE</b>	DRAWN BY: <b>TMB</b>
C	CHANGE TO PAPER TAPE	03/04/10	JUN				
B	UPDATE COMPANY LOGO ADD ROHS	8/20/08	JRK	DATE: 04/05/04	SCALE: -		SHEET: <b>2 of 2</b>
A	ORIGINAL DRAFT	04/05/04	TMB	GAD # MI0805M221R-10-D	TOOL # -		
REV	DESCRIPTION	DATE	INT				