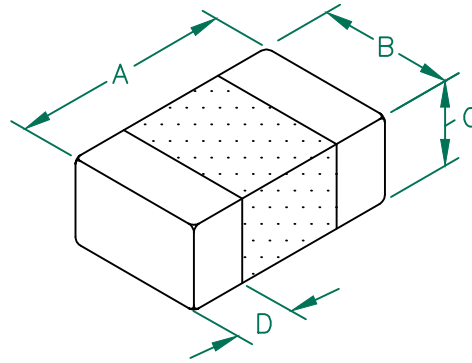


# MI0805J102R-10

## 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]



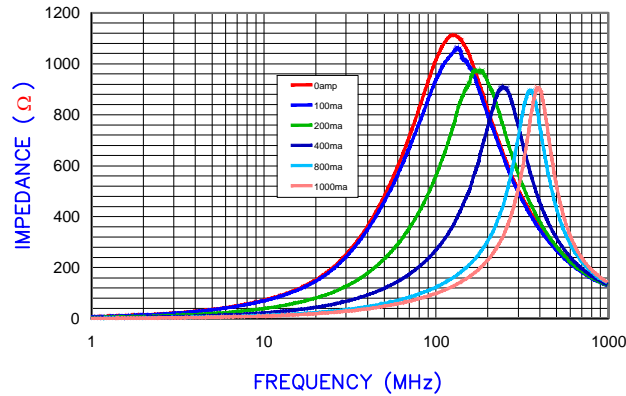
## ELECTRICAL CHARACTERISTICS:

	Z @ 100MHz (Ω)	DCR (Ω)	Rated Current
Nominal	1000		
Minimum	750		
Maximum	1250	0.15	1000 mA

NOTES: UNLESS OTHERWISE SPECIFIED

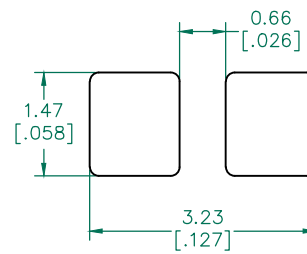
1. TAPED AND REELED per CURRENT EIA SPECIFICATIONS 7" REELS, 4000 PCS/REEL, PAPER TAPE.
2. COMPONENTS SHOULD BE ADEQUATELY PREHEATED BEFORE SOLDERING.
3. TERMINATION FINISH IS 100% TIN.
4. OPERATING TEMP. RANGE: -40°C~+125°C. (INCLUDING SELF-HEATING)
5. COSMETIC SPECIFICATION REFER TO WI-QA-124.

Z vs FREQUENCY  
IMPEDANCE UNDER DC BIAS

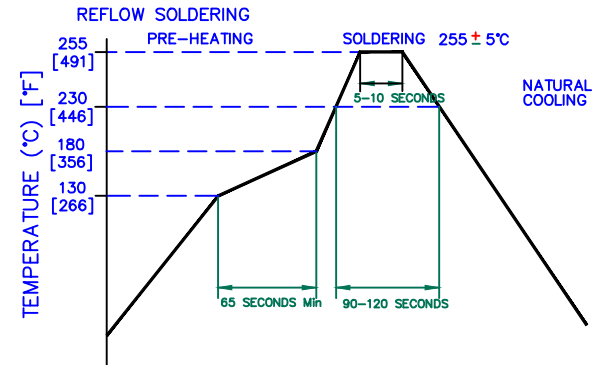


LAND PATTERNS FOR REFLOW SOLDERING

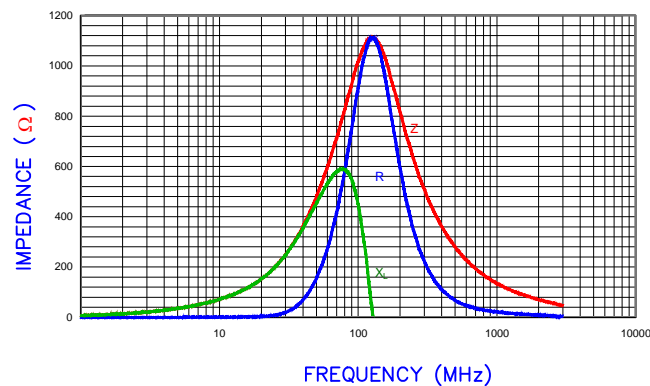
RECOMMENDED SOLDERING CONDITIONS



(For wave soldering, add 0.763 [.030] to this dimension.)



|Z|, R, AND X vs. FREQUENCY



— Z — R — X<sub>L</sub>



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>MI0805J102R-10</b>	REV <b>D</b>	PART TYPE: CO-FIRE	DRAWN BY: JRK
C	CHANGE TO PAPER TAPE	03/04/10	JUN	DATE: 12/17/04	SCALE: NTS	SHEET: 1 of 1	
B	UPODATE COMPANY LOGO ADD ROHS SYM	07/25/08	JRK	CAD #	TOOL #		
A	ORIGINAL DRAFT	12/17/04	JRK	MI0805J102R-10-D			
REV	DESCRIPTION	DATE	INT				