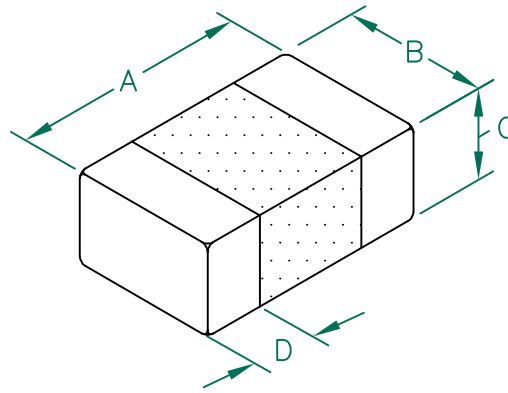


MI0805J102R-10

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] |

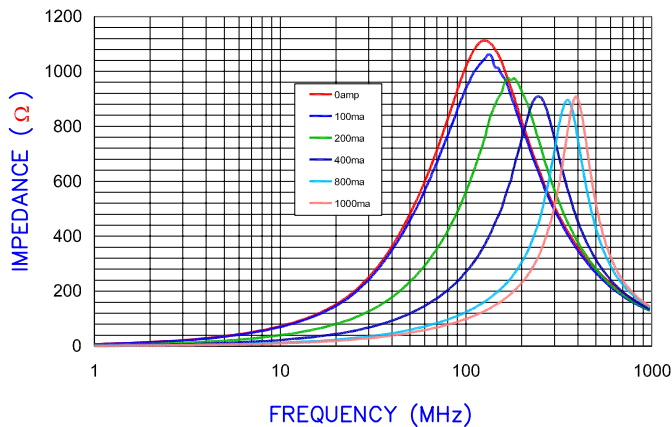


ELECTRICAL CHARACTERISTICS:

| Z @ 100MHz (Ω) | DCR (Ω) | Rated Current |
|-------------------|------------|---------------|
| Nominal | 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)

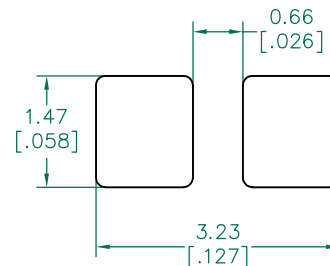
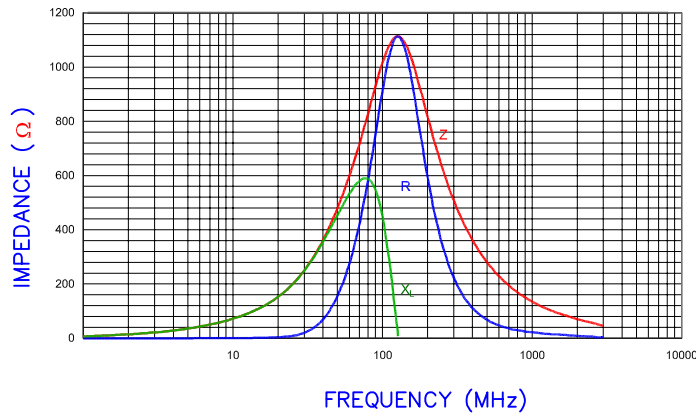
Z vs FREQUENCY
IMPEDANCE UNDER DC BIAS



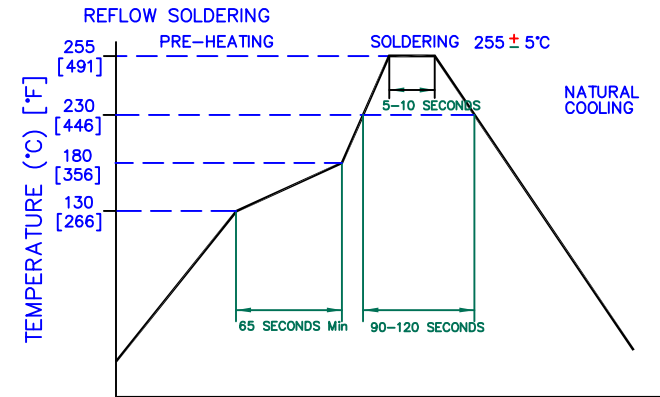
LAND PATTERNS FOR REFLOW SOLDERING

RECOMMENDED SOLDERING CONDITIONS

FREQUENCY (MHz)
|Z|, R, AND X vs. FREQUENCY



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



Z R X_L



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: MI0805J102R-10 | REV D | PART TYPE: CO-FIRE | DRAWN BY: JRK |
| C | CHANGE TO PAPER TAPE | 03/04/10 | JUN | DATE: 12/17/04 | SCALE: NTS | SHEET: 2 of 2 | |
| B | UUPDATE COMPANY LOGO ADD ROHS SYM | 07/25/08 | JRK | | | | |
| A | ORIGINAL DRAFT | 12/17/04 | JRK | | | | |
| REV | DESCRIPTION | DATE | INT | CAD # MI0805J102R-10-D | TOOL # - | | |