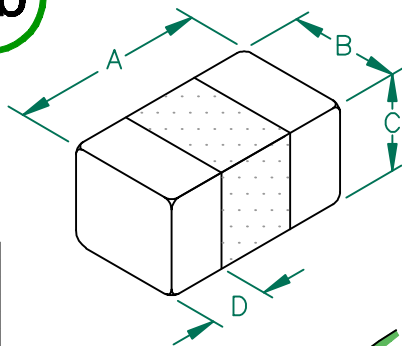


LI0402C470R-10

UNCONTROLLED DOCUMENT

PHYSICAL DIMENSIONS:

| | | | |
|---|-------------|--------|-------------|
| A | 1.00 [.040] | + - | 0.15 [.006] |
| B | 0.50 [.020] | + - | 0.15 [.006] |
| C | 0.50 [.020] | + - | 0.15 [.006] |
| D | 0.30 [.012] | + - | MAX. |



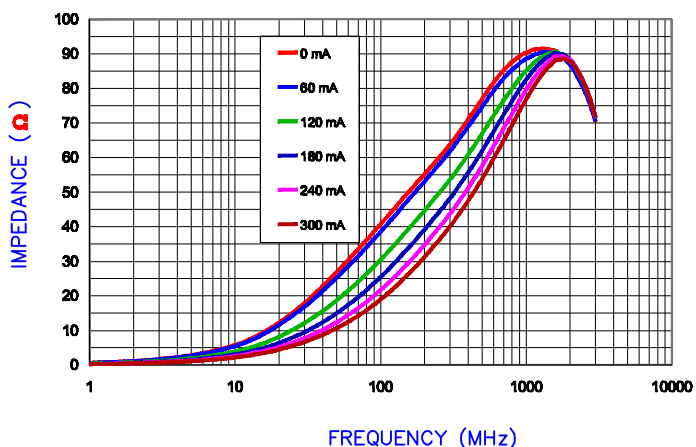
ELECTRICAL CHARACTERISTICS:

| | Z @ 100MHz (Ω) | DCR (Ω) | Rated Current |
|---------|----------------------------|---------------------|---------------|
| Nominal | 47 | | |
| Minimum | 35 | | |
| Maximum | 59 | 0.15 | 300 mA |

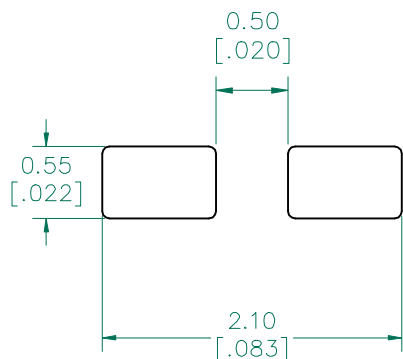
NOTES: UNLESS OTHERWISE SPECIFIED

- TAPED AND REELED per CURRENT EIA SPECIFICATIONS
7" REELS, 10,000 PCS/REEL, PAPER TAPE.
- TERMINATION FINISH IS 100% TIN.
- COMPONENTS SHOULD BE ADEQUATELY PREHEATED BEFORE SOLDERING.

Z vs FREQUENCY
IMPEDANCE UNDER DC BIAS

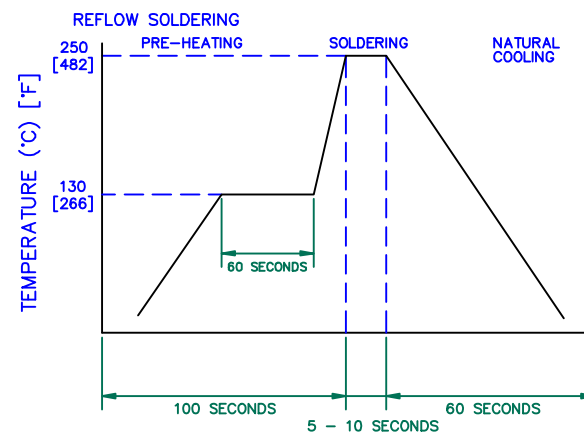


LAND PATTERNS FOR REFLOW SOLDERING

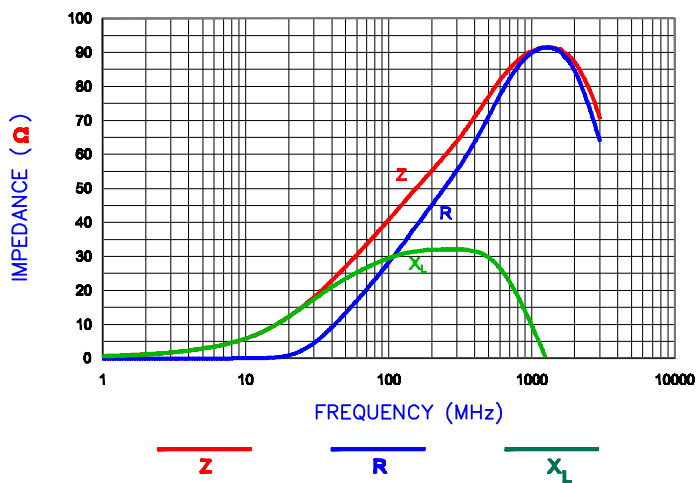


(For wave soldering, add 0.762 [.030] to this dimension.)

RECOMMENDED SOLDERING CONDITIONS



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



DIMENSIONS ARE IN mm [INCHES].

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| | | | | |
|------------------------|----------------------------|------------|---------------|-----------|
| PROJECT/PART NUMBER: | | REV | PART TYPE: | DRAWN BY: |
| LI0402C470R-10 | | C | CO-FIRE | JRK |
| C | UPDATE COMPANY LOGO | 07/08/08 | JRK | |
| B | CORRECT DC BIAS CURVE DATA | 07/27/07 | JRK | |
| A | ORIGINAL DRAFT | 07/24/07 | JRK | |
| REV | DESCRIPTION | DATE | INT | |
| DATE: 07/24/07 | | SCALE: NTS | SHEET: 2 of 2 | |
| GAD # LI0402D470R-10-C | | TOOL # - | | |