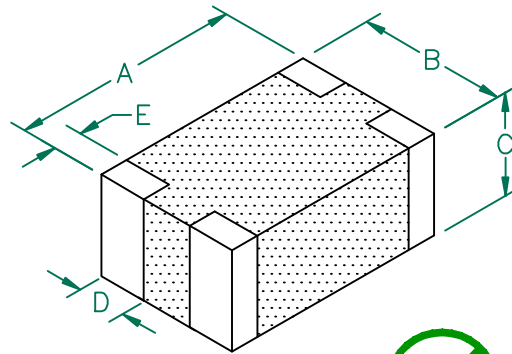


CM1812R600R-10

UNCONTROLLED DOCUMENT

PHYSICAL DIMENSIONS:

- A 4.57 [.180] \pm 0.25 [.010]
- B 3.05 [.120] \pm 0.25 [.010]
- C 2.36 [.093] \pm 0.25 [.010]
- D 1.14 [.045] \pm 0.13 [.005]
- E 0.58 [.023] \pm 0.18 [.007]



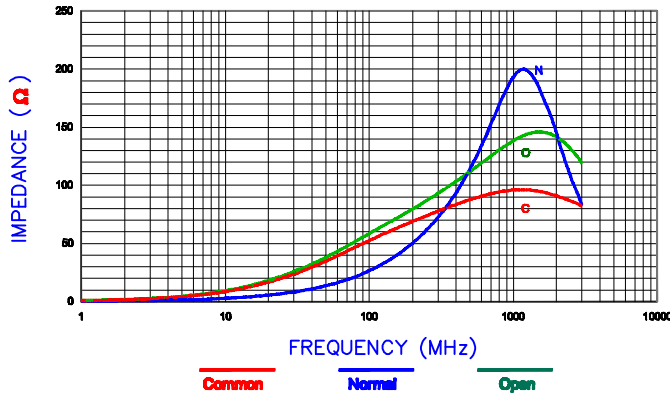
COMMON MODE ELECTRICAL CHARACTERISTICS:

| | COMMON MODE Z @ 100 MHz (Ω) | COMMON MODE Z @ 500 MHz (Ω) | DCR (Ω) | CONTINUOUS Rated Current |
|---------------|--------------------------------------|--------------------------------------|------------------|--------------------------|
| Nominal (Ref) | 60 | Nominal (Ref) 85 | | |
| Minimum | 45 | - | | |
| Maximum | 75 | - | 0.005 | 5,000 mA |

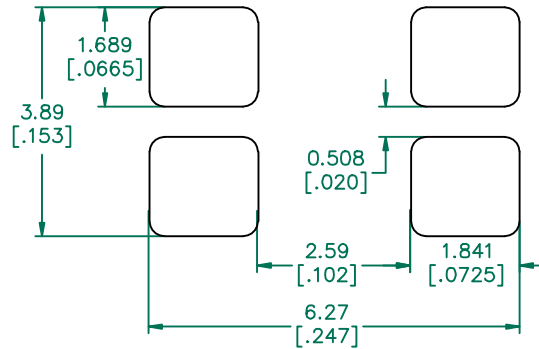
NOTES: UNLESS OTHERWISE SPECIFIED

- TAPED AND REELED per CURRENT EIA SPECIFICATIONS 13" REELS, 2500 PCS/REEL.
- COMPONENTS SHOULD BE ADEQUATELY PREHEATED BEFORE SOLDERING.
- U.S. PATENT 6,288,626 SHOULD APPEAR ON THE LABEL OF EACH REEL OF PACKAGED PARTS.
- MINIMUM LINE TO LINE RESISTANCE 1 M Ω
- TERMINATION FINISH IS 100% TIN.

Z vs. FREQUENCY (C,N,O)

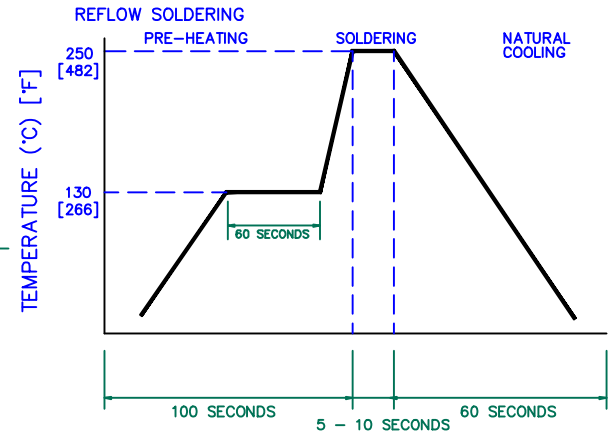


LAND PATTERNS FOR REFLOW SOLDERING

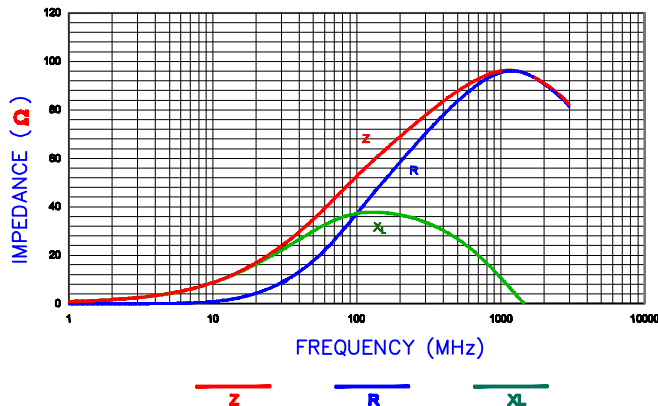


DURING AND AFTER SOLDERING OPERATION SOLDER MUST NOT BE ALLOWED TO BRIDGE CONTACTS. CONTACT SEPARATION MUST BE MAINTAINED.

RECOMMENDED SOLDERING CONDITIONS



Z, R, XL vs. FREQUENCY



| | | | | | | | |
|--------------------------------|----------------------------|----------|-----|--|------------|---------------|-----|
| DIMENSIONS ARE IN mm [INCHES]. | | | | THIS DOCUMENT CONTAINS INFORMATION WHICH IS PROPRIETARY AND CONFIDENTIAL TO STEWARD. NO PRODUCTION OR PUBLICATION OF THIS DOCUMENT IN WHOLE OR IN PART SHALL BE MADE WITHOUT WRITTEN AUTHORIZATION FROM STEWARD. | | | |
| | | | | Steward <small>part of Laird</small> | | | |
| PROJECT/PART NUMBER: | | | | REV | PART TYPE: | DRAWN BY: | |
| C | UPDATE COMPANY LOGO | 05/15/07 | JRK | CM1812R600R-10 | C | CO-FIRE | JRK |
| B | CHANGE MIN LINE RESISTANCE | 09/28/05 | JRK | DATE: 03/02/05 | SCALE: NTS | SHEET: 2 of 2 | |
| A | ORIGINAL DRAFT | 03/02/05 | JRK | CAD # | TOOL # | | |
| REV | DESCRIPTION | DATE | INT | CM1812R600R-10-C | CM1812 | | |