

CM0805C161R-10

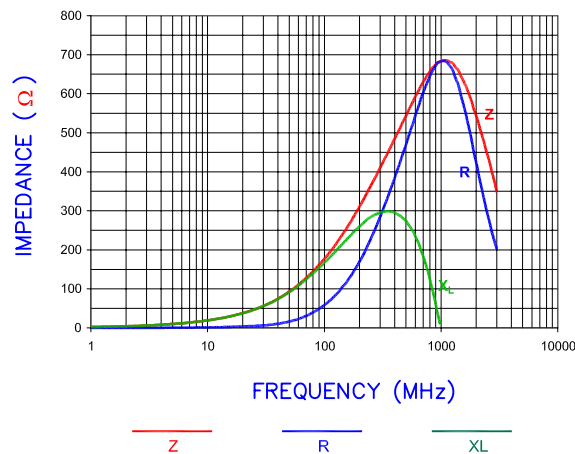
**UNCONTROLLED
DOCUMENT**

PHYSICAL DIMENSIONS:

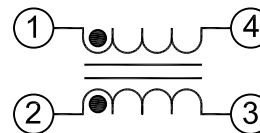
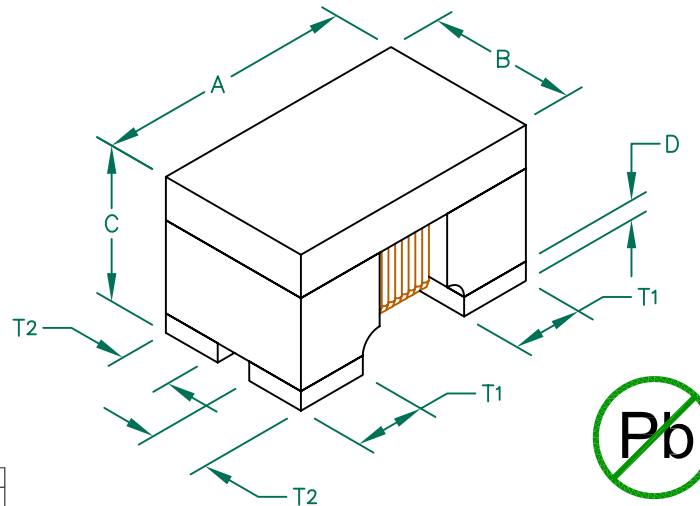
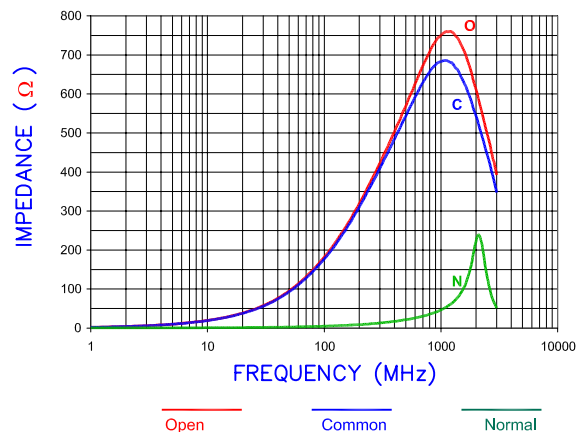
| | | |
|---|-------------|-------------------|
| A | 2.00 [.079] | \pm 0.20 [.008] |
| B | 1.20 [.047] | \pm 0.20 [.008] |
| C | 1.20 [.047] | \pm 0.20 [.008] |
| D | 0.15 [.006] | \pm 0.10 [.004] |

| | | |
|----|-------------|-------------------|
| T1 | 0.55 [.022] | \pm 0.10 [.004] |
| T2 | 0.46 [.018] | \pm 0.10 [.004] |

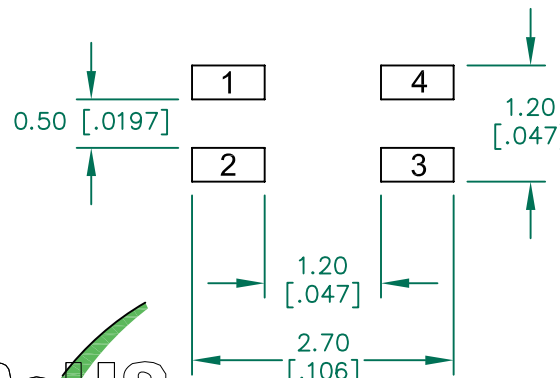
Z, R, XL vs. FREQUENCY



Z vs. FREQUENCY (C,N,O)



LAND PATTERNS FOR REFLOW SOLDERING



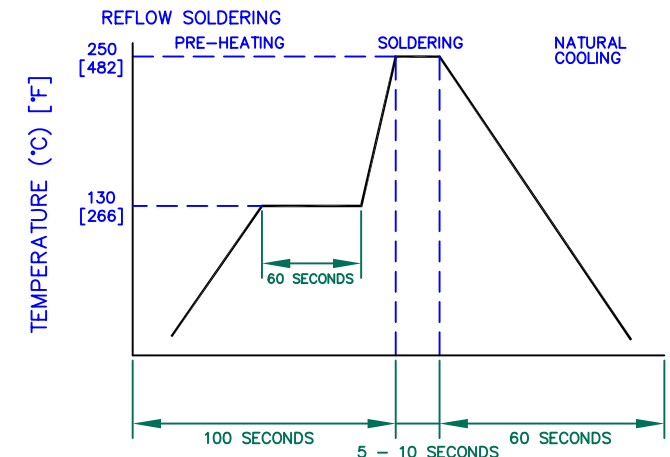
| Electrical Characteristics | Nominal | Min | Max |
|--------------------------------|------------------|-----|------|
| Common Mode Impedance @ 100MHz | (Ω) 160 | 120 | 200 |
| DCR | (Ω) - | - | 0.35 |
| Rated Current | (mA) - | - | 300 |

NOTES: UNLESS OTHERWISE SPECIFIED
1. TAPED AND REELED per CURRENT EIA SPECIFICATIONS 7" REELS, EMBOSSED PLASTIC TAPE 2,000 PCS/REEL.

2. TERMINATION FINISH 100% MATTE TIN.

3. COMPONENTS SHOULD BE ADEQUATELY PREHEATED BEFORE SOLDERING.

RECOMMENDED SOLDERING CONDITIONS



| DIMENSIONS ARE IN mm [INCHES]. | | | | This print is the property of Laird Tech. and is loaned in confidence subject to return upon request and with the understanding that no copies shall be made without the written consent of Laird Tech. All rights to design or invention are reserved. | | | |
|--------------------------------|-----------------------------|----------|-----|---|---------------|--|--|
| D | CHANGE T1 AND T2 DIMENSIONS | 01/11/10 | JUN | PROJECT/PART NUMBER: CM0805C161R-10 | | | |
| C | UPDATE COMPANY LOGO | 04/28/09 | JRK | | | | |
| B | UPDATE COMPANY LOGO | 05/10/07 | JRK | | | | |
| A | ORIGINAL DRAFT | 08/11/06 | JRK | | | | |
| REV | DESCRIPTION | DATE | INT | | | | |
| DATE: 08/11/06 | | | | SCALE: NTS | SHEET: 2 of 2 | | |
| CAD # CM0805C161R-10-D | | | | TOOL # - | | | |

**Laird
TECHNOLOGIES**

REV **D** PART TYPE: CM CHOKE DRAWN BY: JRK

2 of 2

Mouser Electronics

Authorized Distributor

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