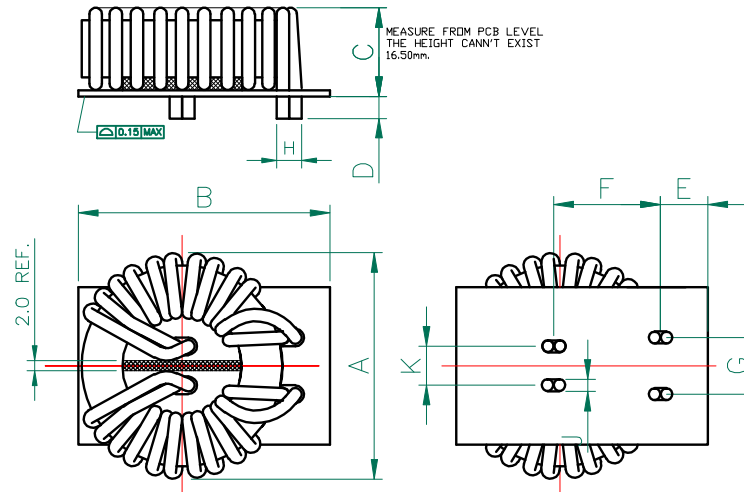


CMX1616Z401B-10

PHYSICAL DIMENSIONS:

| | | | |
|---|-------|---|------|
| A | 41.00 | | MAX |
| B | 41.00 | | MAX |
| C | 16.50 | | MAX |
| D | 3.50 | + | 0.50 |
| E | 3.50 | + | 0.50 |
| F | 22.00 | + | 0.50 |
| G | 15.50 | + | 0.50 |
| H | 3.80 | + | 0.50 |
| J | 1.80 | + | 0.20 |
| K | 5.50 | + | 0.50 |



ELECTRICAL SPECIFICATION

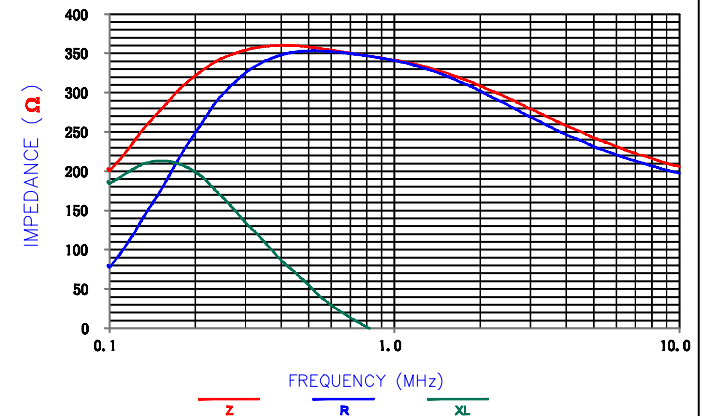
| ELECTRICAL CHARACTERISTICS | | NOM | MIN | MAX |
|----------------------------|------|-----|-----|------|
| INDUCTANCE @ 100kHz/0.1V | uH | 396 | 237 | 535 |
| DCR | mΩ | --- | --- | 1.15 |
| CURRENT RATING | A | --- | --- | 46 |
| RATING VOLTAGE | Vrms | --- | --- | 250 |

HIPOT COIL-COIL: 1500V

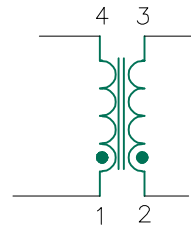
NOTE: UNLESS OTHERWISE SPECIFIED

1. FERRITE CORE: T33x18x7.3, MNZN;
2. TIN: LEAD-FREE SOLDER BAR;
3. ISOLATE 2 COILS BY EPOXY.
4. OPERATING TEMPERATURE RANGE: -40°C TO+105°C (INCLUDING SELF-HEATING).

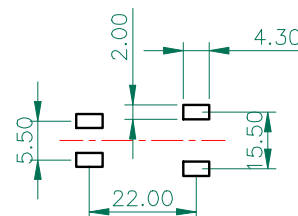
Z, R, XL vs. FREQUENCY



EQUIVALENT CIRCUIT



LAND PATTERN



RoHS

UNCONTROLLED DOCUMENT



| | | | | | | | |
|-----------------------|----------------|----------|-----|---|--------|-----------------|--------------------------|
| DIMENSIONS ARE IN mm. | | | | 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. | | | |
| | | | | PROJECT/PART NUMBER: CMX1616Z401B-10 | | REV A | PART TYPE: QIU |
| | | | | DATE: 07/19/13 | | SCALE: NTS | SHEET: 1 of 1 |
| REV | DESCRIPTION | DATE | INT | CAD # | TOOL # | | |
| A | ORIGINAL DRAFT | 07/19/13 | QIU | | | | |
| | | | | CMX1616Z401B-10-A | | | |