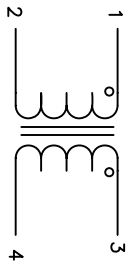


The information contained in this drawing is the sole property of CMS Coil Winding Specialist. Any reproduction in part or whole without written permission of CMS Coil Winding Specialist is prohibited.



SCHEMATIC

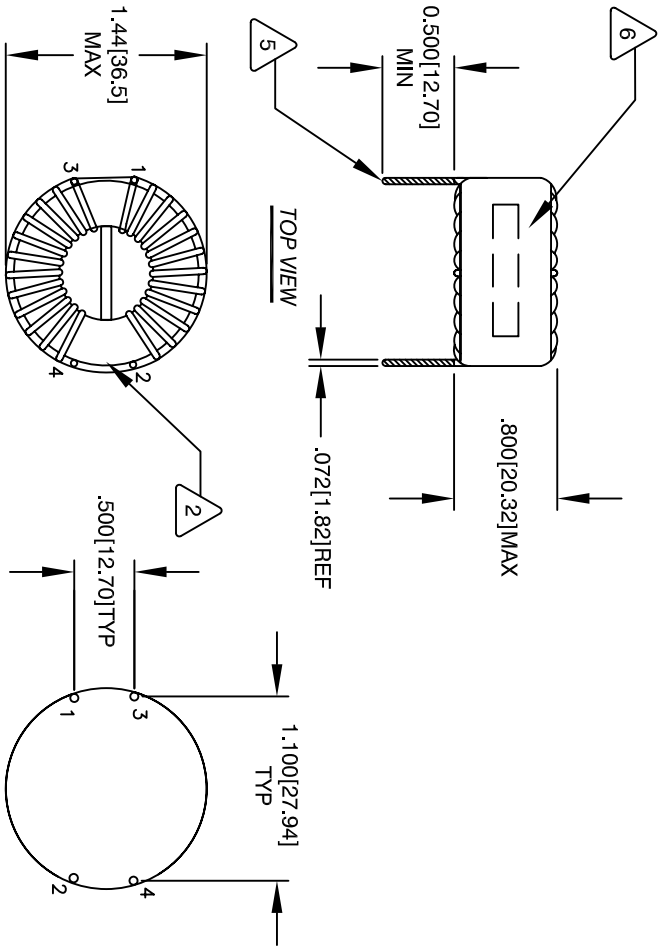
- 7 BUILT TO ROHS COMPLIANCE
- IF APPLICABLE, APPLY PART NUMBER AND REVISION
- 6 WRAP INDUCTOR WITH TAPE
- 5 REMOVE INSULATION AND TIN LEADS APPROX. 0.50 INCH MIN
- EACH SIDE TO CORE EVENLY SPACED, NOTE POLARITY.
- 4 WIND SINGLE LAYER ON
- CONSTRUCTION:
- TO INSURE INTEGRITY OF WINDING SEPARATION
- HI-POT TEST FOR INTERWINDING ISOLATION = 250VDC
- WEIGHT = ~ 55 GRAMS
- SRF ~ 1.58 MHz TYP
- IMPEDANCE = 1.75 KΩ NOM @ 1.58 MHz TYP
- INTERWINDING CAPACITANCE = 8 pF TYP @ 1KHz.
- LEAKAGE INDUCTANCE = 10 uH TYP @ 10KHz, 0.25 Vrms.
- CURRENT RATED = 25 AMPS.
- DCR = 3.85 MILLI-OHMS EACH WINDING MAX
- L = 1.25 mH ± 30% @ 1KHz, 1Vrms
- OPERATING TEMPERATURE: -40 °C TO 125 °C
- SPECIFICATIONS @ 25 °C:
- 3
- WIRE: UL RECOGNIZED 200°C RATED MAGNET WIRE
- CWS BYTEMARK OR OTHER APPROVED PART
- CORE: COATED FERRITE TOROID
- 2
- 1 MATERIAL: UL RECOGNIZED 94V-0 FOR FLAMMABILITY, INSULATION CLASS B

NOTES: UNLESS OTHERWISE SPECIFIED, READ FROM BOTTOM UP.

CAGE CODE: 5DME2

EP FORM0005 REV 3 10/01

| REVISION HISTORY | | | | | | |
|------------------|--------|--|----|---------|-----|---------|
| REV | ECN | DESCRIPTION | BY | DATE | CHK | DATE |
| D | 130523 | REMOVE AND ADD NOTES AND ADD TOLERANCE | AK | 5/22/13 | BO | 5/22/13 |



| QTY | CODE IDENT | MFG. P/N | DESCRIPTION | ITEM NO. |
|--|------------|-------------------------|-------------------------------|----------|
| | | | PARTS LIST | |
| | | | Coil Winding Specialist, Inc. | |
| | | | 353 W. GROVE AVENUE | |
| | | | ORANGE, CA 92865 | |
| TITLE: Inductor Common Mode | | | | |
| AUTOCAD SOLIDWORKS | | DATE: 6/16/06 | | |
| DRAWN: RPR | | CHKD: JLAU | | |
| ENGR: KSUM | | APPR: JLAU | | |
| UNLESS OTHERWISE SPECIFIED | | TOLERANCE INCHES: .010 | | |
| DIMENSIONING AND TOLERANCE PER ANSI Y14.5M AND [MILLIMETERS] | | TOLERANCE METRICS: .020 | | |
| ANGLE PROJECTION | | DO NOT SCALE DRAWING | | |
| SIZE: B | | Dwg. No: C-36A29-90 | | REV: D |
| SCALE: | | SHEET 1 OF 1 | | |

CAD-FILE: