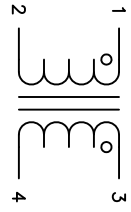


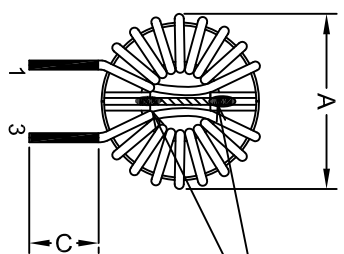
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| DIMENSIONAL TOLERANCE INCHES [MM] | | | | | |
|-----------------------------------|---------------|---------------|-----------------|---------------|---------------|
| A(OD) MAX | B (WIDTH) MAX | C(LEAD) MIN | D(LEAD DIA) MIN | P1 REF | P2 REF |
| 1.32" [33.50] | 0.75" [19.00] | 0.50" [12.70] | 0.06" [1.45] | 0.70" [17.78] | 0.50" [12.70] |

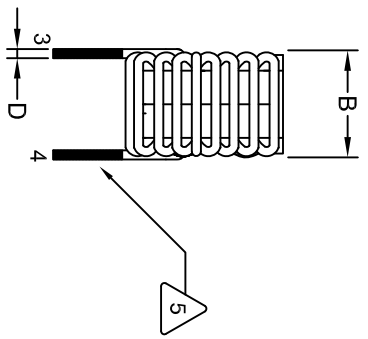
| REVISION HISTORY | | SHEET & DATE | | | | |
|------------------|--------|----------------------------------|----|----------|-----|----------|
| REV | ECN | DESCRIPTION | BY | DATE | CHK | DATE |
| B | N/A | ELEC. AND MECH. SPEC UPDATE | CM | 3/30/11 | JLU | 3/30/11 |
| C | 160208 | REVISE ELECTRICAL AND DIMENSIONS | AK | 02/15/16 | JM | 02/15/16 |
| C1 | 160208 | REVISE DESCRIPTION | JL | 07/07/17 | JLU | 07/07/17 |



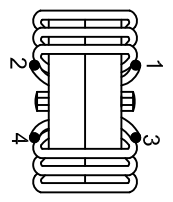
SCHEMATIC



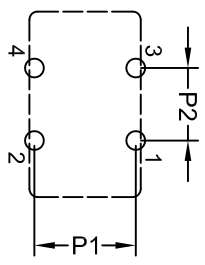
FRONT VIEW



SIDE VIEW



BOTTOM VIEW



FOOTPRINT

- 7 BUILT TO ROHS COMPLIANCE
- 6 MARK PART NUMBER AND REVISION IF APPLICABLE.
- WITH COIL EDGE:
TRIM LEADS APPROX. 0.5 INCH AND FLUSH APPLY EPOXY TO SPACER WHERE SHOWN.
REMOVE WIRE INSULATION AND TIN.
- 4 WIND COILS EVENLY SPACED
CONSTRUCTION:
WEIGHT = 38 GRAMS
MAX TEMP RISE = 40°C
OPERATING RANGE: -25° TO 120°C
INTER WINDING ISOLATION = 2000 VOLTS RMS, 3mA, 2 sec.
INTERWINDING CAPACITANCE = 5.30 pF TYP @ SRF
IMPEDANCE = 5.18 kΩ TYP @ SRF
SRF = 1.80 MHz TYPICAL
LEAKAGE INDUCTANCE = 4.4 uH TYP @ 10kHz, 1Vrms
INDUCTANCE = 8.5 mH MIN @ 1 KHz, 1 Vrms, 0 Amps
DCR ON EACH WINDING = 5.50 mΩ MAX
MAX VOLTAGE ACROSS TERMINALS 1-2 OR 3-4 = 250 VAC OR VDC
RATED CURRENT = 12.0 AMPS
INSULATION RESISTANCE = 100 MEGA-OHMS MIN @ 500 VDC
SPECIFICATIONS @ 25°C
- 3 WIRE: UL CLASS 200°C WIRE
CWS BYTEMARK OR OTHER APPROVED PART
CORE: NANO CRYSTALLINE OR AMORPHOUS CORE
- 2 CASE = UL CLASS B (130°) RATING
MATERIAL: UL RECOGNIZED
- 1

NOTES: UNLESS OTHERWISE SPECIFIED, READ FROM BOTTOM UP.

| PARTS LIST | | TITLE | |
|----------------------|----------|--------------------------------|---------|
| AUTOCAD | X | www.coilws.com, inc | |
| SOLIDWORKS | | 353 WEST GROVE AVE | |
| SIGN | DATE | ORANGE, CA 92865 (CAGE: 5DME2) | |
| FORM | 12/16/10 | Nanocrystalline Inductor | |
| RAWL | 12/16/10 | Common Mode Choke | |
| REBD | AK | Vertical Mount CAGE# 5DME2 | |
| ENGR | JLU | SIZE | MM. WK. |
| APPR | JLU | HN-V-762U-12A | REV |
| | 03/30/11 | SCALE | C1 |
| DO NOT SCALE DRAWING | | N/A | 1 |