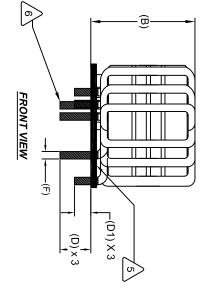
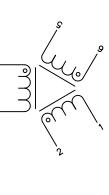


| | 0.102 [2.60] | | 0.500 [12.70] | 0.350 [8.89] | 1.800 [45.72] | 1.968 [50.00] |
|--|-----------------|----------|------------------------------|-----------------|------------------|------------------|
| | (Lead Dia) | | D(LEAD) Min | D1(LEAD) Min | B(HGT) Max | A(OD) Max |
| | HES [MM] | ANCE INC | DIMENSIONAL TOLERANCE INCHES | DIMENSIO | | |

| 8 | > | į | RF/ | |
|----------------------|----------------------|------|-------------|------------------|
| | 140922 | | FCN | |
| UPDATE MECH. DIM. | PRODUCTION RELEASE | | DESCRIPTION | REVISION HISTORY |
| IN | Ą | ВҮ | | |
| 05/16/18 JL 05/16/18 | 09/25/14 B0 09/25/14 | DATE | SIGN | |
| ٦ | во | CHK | SIGN & DATE | |
| 05/16/18 | 09/25/14 | DATE | | |





ω **BUILT TO RoHS COMPLIANCE**

6 5

LABEL PART NUMBER AT THE BOTTOM OF THE BASE.



TRIM INNER LEADS TO 0.50 AND OUTER LEADS TO 0.35 INCH FROM BOTTOM OF BASE

STRIP AND TIN LEADS (NO INSULATION IS ALLOWED BELOW THE BASE LEVEL.)

SRF = 2.0 MHz TYP DCR ON EACH WINDING = $2.5 \text{ m}\Omega$ MAX INTERWINDING ISOLATION = 2000 VOLTS RMS MAX TEMP RISE = 30°C OPERATING TEMP RANGE = -40°C TO 125°C WEIGHT = ~190 GRAMS

RATED VOLTAGE = 1000 VAC OR VDC RATED CURRENT = 40 AMPS

INTERWINDING CAPACITANCE = 5 pF TYP @ SRF LEAKAGE INDUCTANCE = 4 uH TYP @ 10 KHz, 0.25 Vrms

IMPEDANCE = $2.2 \text{ k}\Omega$ NOM @ SRF

L = 4.0 mH MIN @ 10 KHz, 0.25 Vrms, 0 ADC

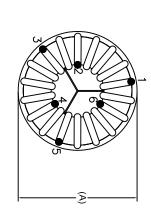
ω SPECIFICATIONS AT 25°C:

WIRE: UL RECOGNIZED 200°C RATED MAGNET WIRE CWS BYTEMARK OR OTHER APPROVED PART

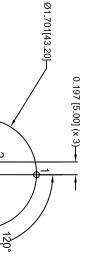
N CORE: NANOCRYSTALLINE OR AMORPHOUS CORE

CASE RATING CLASS B (130°C) REQUIRED MATERIAL: UL RECOGNIZED FOR FLAMMABILITY

NOTES: UNLESS OTHERWISE SPECIFIED, READ NOTES FROM BOTTOM TO TOP.



Ø0 528 [13 40]



SCHEMATIC

TOP VIEW

MOUNTING HOLES PATTERN

-120°

| | | _ | | | | | | |
|----------------------|---|-----------|---|--|---------------------------|---|---------------|---------|
| DO NOT SCALE DRAWING | .XXX=±.127 .XX=±.38 <=±0'30' APPR. ANGLE PROJECTION | | TOLERANCE INCHES: 4=±0'30' ENGR. JLAU 9/23/14 | ALL DIMENSIONS ARE IN INCHES AND [MILIMETERS]. | TOLERANCE PER ANSI Y14.5M | UNLESS OTHERWISE SPECIFIED | | |
| • | 2 | 3 | ENGR. JLAU | во | DRAWN AK | SIGN | SOLIDWORKS | AUTUCAD |
| | 4/ /c2/E | 0 /07 /14 | 9/23/14 | 9/23/14 | 9/23/14 TITLE: | DATE | | ^ |
| SCALE N/A | | UNIO. NO. | HORIZONTAL MOUNT | Three-Phas | mue: Nanocrysto | sales@coilws.com | www.conws.com | |
| SHEET 1OF | TPB-402U-B40A | | OUNT | Three-Phase Common Mode Choke | Nanocrystalline Inductor | www.conws.com Con winding opecialist inc. 353 West Grove Ave sales@coilws.com Orange, California. 92865 | | |
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