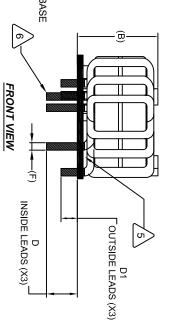
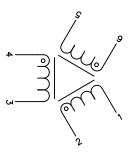
| or mo. (Owo) | | | DIMENSIO | DIMENSIONAL TOLERANCE INCHES [MM] | ANCE INC | ES [MM] | | | | REVISION HISTORY | | | | |
|--------------|---------|---------|----------|-----------------------------------|----------|---------|--|---------|------|--------------------|------|------------|-----------|---------------|
| | | | | | | 1 | | REV FCN | FCN | DESCRIPTION | | SIGN & | GN & DATE | |
| | A(OD) | B(HGT) | | D(LEAD) | ш | 7 | | | -51. | | ВҮ | DATE | 닺 | DATE |
| | Max | Max | Min | Min | TγP | TYP | | A | | PRODUCTION RELEASE | TN C | 01/18/2021 | JL 01 | JL 01/18/2021 |
| | 2.60 | 1.46 | 0.50 | 0.75 | 2.52 | 0.06 | | | | | | | | |
| | [66.00] | [37.00] | | [19.05] | [64.00] | [1.63] | | | | | | | | |





SCHEMATIC

ω **BUILT TO ROHS COMPLIANCE**

LABEL PART NUMBER AT THE BOTTOM OF THE BASE

5 6 TRIM INNER LEADS TO 0.75 AND OUTER LEADS TO 0.5 INCH FROM BOTTOM OF BASE

APPLY EPOXY BETWEEN COIL AND BASE

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

RATED CURRENT = 13 AMPS RATED VOLTAGE = 1000 VAC OR VDC DCR ON EACH WINDING = $25m\Omega$ MAX. HIPOT TEST FOR INTERWINDING ISOLATION = 2000 VOLTS RMS. MAX TEMP RISE = 30°C WITH SOME AIR FLOW OPERATING TEMP RANGE = -40°C TO 125°C WEIGHT = 250 GRAMS TYP LEAKAGE INDUCTANCE = 90uH TYP @ 10 KHz, .25Vrms

ω SPECIFICATIONS AT 25°C: L = 58mH TYP @ 1KHz, 0.25 Vrms, 0 ADC

IMPEDANCE = 6.3k Ω TYP @ SRF

INTERWINDING CAPACITANCE = 54pF TYP @ SRF

SRF = 3.75MHz TYPICAL

PCB MOUNTING HOLES Ø0.08[2.05] (X6) (A2) 2.30±0.008 RECOMMENDED [58.42±0.20] (A1) 1.25±0.008 [31.75±0.20] [7.87±0.10]

TOP VIEW

MOUNTING HOLES PATTERN

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

N CORE: NANOCRYSTALLINE OR AMORPHOUS CORE

CASE RATING CLASS H (180°C) REQUIRED

MATERIAL: UL RECOGNIZED FOR FLAMMABILITY

ANY TOLERANCE. THIS DIM. CAN VARY A LITTLE FROM PART TO PART "TYP" IN DIM. TOL. TABLE REFERS TO A NON-CRITICAL TYPICAL (AVERAGE) DIM. WITHOUT

NOTES: UNLESS OTHERWISE SPECIFIED, READ NOTES FROM BOTTOM TO TOP. CAGE CODE: 5DME2

| AUTOCA SOLIDW DIMENSIONING AND TOLERANCE PER ANSI Y14.5M ALD QUALISSIONS ARE IN INCHES AND QUALIBRIONS ARE IN INCHES TOLERANCE INCHES: YM-1.005 XM-1.015 (1-10*30) ENGR. TOLERANCE METRICS: TOLERANC | # ≤ Ω | MD X OORKS DATE TN 01/18/2021 JM 01/18/2021 JL 01/18/2021 | www.coilws.com sales@coilws.com orange INILE: Nanocrystalline Ir Three-Phase Con Horizontal Mount | www.coilws.com sales@coilws.com S35 west Grove Ave Orange, California. 92865 |
|--|------------------------------|--|---|--|
| | SIGN DRAWN TN CHECKEDM | DATE 01/18/2021 | sales@coilws.com Three-Phase | Orange, California. 92865 Iline Inductor Common Mode Choke |
| TOLERANCE INCHES: X=±.005 .XX=±.015 <=±0'30' | - 1 | | Horizontal N | - |
| x=±.127 .xx=±.38 | ۲ | 01/18/2021 B | 5 | TPD-583U-B13A 🏋 |
| DO NOT SCALE DRAWING | | | SCALE N/A | SHEET OF |

DOF 44 FXX.

EP FORM0005 REV 4 2011