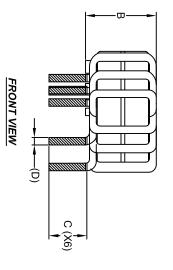
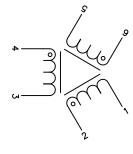
ole property of Coll Winding Specialist Inc. (CWS) permission of CWS is prohibited.

DIME	NSIONAL	OLEKANCE	DIMENSIONAL TOLERANCE INCHES [MM.	
A B B	∑ O	₹º		
2.28 0.96 [58.00] [24.50]	0.75 [19.05]	0.10 [2.60]		

08/28/202	۴	TN 08/28/2020 JL 08/28/2020	퀻	PRODUCTION RELEASE		>
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				REVISION HISTORY		





BUILT TO ROHS COMPLIANCE

7

6 IF APPLICABLE, LABEL PART NUMBER AND DATE CODE.

5 APPLY EPOXY WHERE SHOWN (X6 PLACES) FOR TOP AND BOTTOM SIDES.

STRIP AND TIN LEADS

RATED CURRENT = 40 AMPS INTERWINDING ISOLATION = 2000 VOLTS RMS MAX TEMP RISE = 40°C WITH SOME AIRFLOW CHOKE OPERATING TEMP RANGE = -40°C TO 130°C WEIGHT = 180 GRAMS TYP SRF = 880 KHz TYP DCR ON EACH WINDING = $2.0m\Omega$ MAX. LEAKAGE INDUCTANCE = 7uH TYP @ 10 KHz, 0.25 Vrms. RATED VOLTAGE = 1000 VAC OR VDC

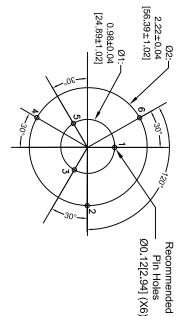
INTERWINDING CAPACITANCE = 45pF TYP @ SRF $|Z|=2.3 \mathrm{K}\Omega$ TYP @ SRF

ω SPECIFICATIONS AT 25°C:

 $L = 500 uH \pm 20\% @ 1 KHz, 0.25 Vrms, 0 ADC$



_ID: Ø0.58[14.83] TYP



TOP VIEW

MOUNTING HOLES PATTERN

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

2> CORE: FERRITE TOROIDAL CORE

RATING CLASS B (130°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

DO NOT SCALE DRAWING	ANGLE PRO	.XXX=±.12	ᅙ	.XX.	!	≩≥	: =	! ≘	١	_				
E DRAWING	.xxx=±.127 .xx=±.38		VANCE METRICS:	.XXX=±.005 .XX=±.015 <=±0°30' ENGR.		ALL DIMENSIONS ARE IN INCHES AND [MILIMETERS].	OLERANCE PER ANSI TITION	DIMENSIONING AND		UNLESS OTHERWISE SPECIFIED	ν			
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SCALE N/A				DWG.			700	Three-Phas	TILE: Ferrite Inductor		000000000000000000000000000000000000000	sales@coilws.com	www.collws.com	
SHEET OF	TFR-501U-40A			SUUUH, 40 Amps, Horizontal Mount		Three-Phase Common Mode Choke	Juctor		www.coilws.com Sales@coilws.com Coil Winding Specialist Inc. 353 West Grove Ave Orange, California. 92865		Call Winding Specialist In			
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