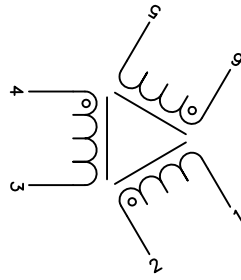
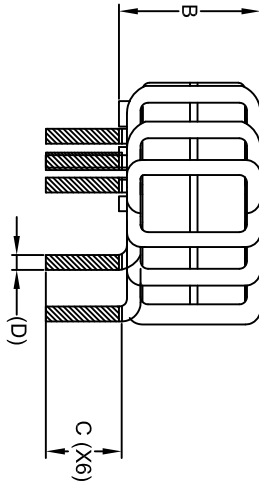


DIMENSIONAL TOLERANCE INCHES [MM]				
A	B	C	D	
MAX	MAX	MIN	TYP	
2.22 [56.50]	0.96 [24.30]	0.75 [19.05]	0.08 [2.06]	

REVISION HISTORY			
REV	ECN	DESCRIPTION	SIGN & DATE
			BY DATE CHK DATE
A		PRODUCTION RELEASE	TN 08/28/2020 JL 08/28/2020



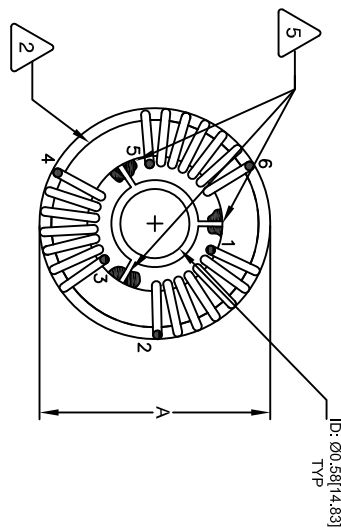
FRONT VIEW

SCHEMATIC

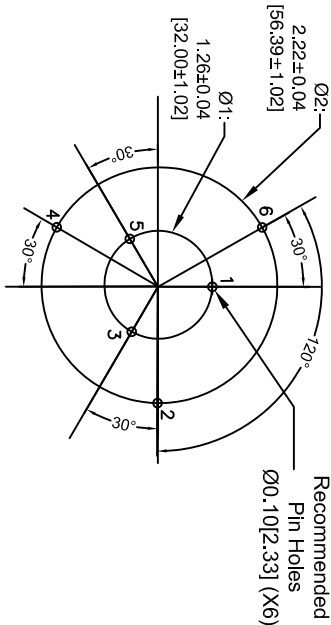
5 APPLY EPOXY WHERE SHOWN (X6 PLACES) FOR TOP AND BOTTOM SIDES.

4 STRIP AND TIN LEADS

- WEIGHT = 137 GRAMS TYP
CHOKE OPERATING TEMP RANGE = -40°C TO 130°C
MAX TEMP RISE = 40°C WITH SOME AIRFLOW
INTERWINDING ISOLATION = 2000 VOLTS RMS
RATED VOLTAGE = 1000 VAC OR VDC
RATED CURRENT = 26 AMPS
LEAKAGE INDUCTANCE = 9.6uH TYP @ 10 KHz, 0.25 Vrms.
DCR ON EACH WINDING = 3.5mΩ MAX.
SRF = 640 KHz TYP
INTERWINDING CAPACITANCE = 41pF TYP @ SRF
|Z| = 2.44Ω TYP @ SRF
L = 1000uH±30% @ 1 KHz, 0.25 Vrms, 0 ADC
SPECIFICATIONS AT 25°C:



TOP VIEW



MOUNTING HOLES PATTERN

2 WIRE: UL RECOGNIZED 200°C RATED MAGNET WIRE
CWS BYTEMARK OR OTHER APPROVED PART
CORE: FERRITE TOROIDAL CORE

1 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

UNLESS OTHERWISE SPECIFIED		AUTOCAD		X	
DIMENSIONING AND TOLERANCE PER ANSI Y14.5M	SIGN	SOLIDWORKS	SIGN	DATE	
ALL DIMENSIONS ARE IN INCHES AND [MILLIMETERS]				08/28/2020	
TOLERANCE INCHES: $\pm .005$ $\pm .0030$				08/28/2020	
TOLERANCE METRIC: $\pm .127$ $\pm .0762$				08/28/2020	
ANGLE PROJECTION ϕ				08/28/2020	
DO NOT SCALE DRAWING				08/28/2020	
www.coliws.com		Coil Winding Specialist Inc.		353 West Grove Ave	
sales@coliws.com		Orange, California. 92665			
TITLE: Ferrite Inductor		THREE PHASE COMMON MODE CHOKE		1000uH, 26 Amps, Horizontal Mount	
SIZE: B		TFR-102U-26A		REV A	