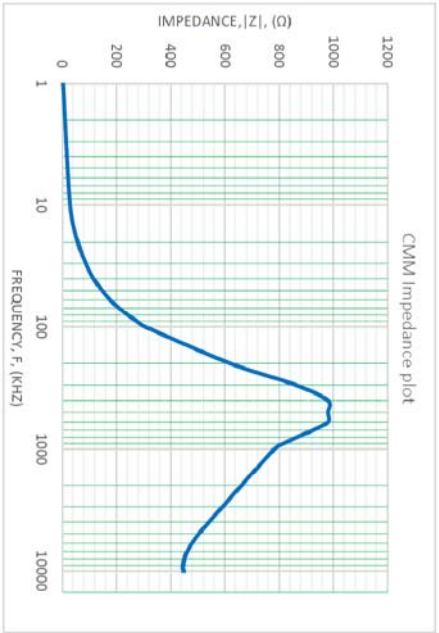
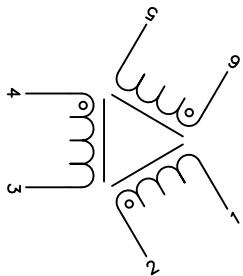
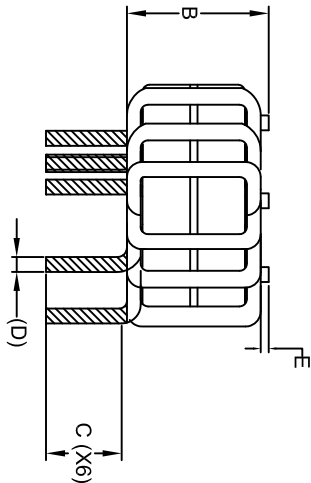




DIMENSIONAL TOLERANCE INCHES [MM]					
A	B	C	D	E	
MAX	MAX	MIN	TYP	TYP	
2.35 [59.69]	1.05 [26.60]	0.50 [12.70]	0.13 [3.30]	0.09 [2.20]	



REVISION HISTORY			
REV	ECN	DESCRIPTION	SIGN & DATE
			BR DATE CHK DATE
A		PRODUCTION RELEASE	TN 04/28/2020 JL 04/28/2020
A1		UPDATED SPEC.	TN 08/19/2020 JL 08/19/2020
B		UPDATED SPACERS HEIGHT	TN 01/04/22 JL 01/04/22

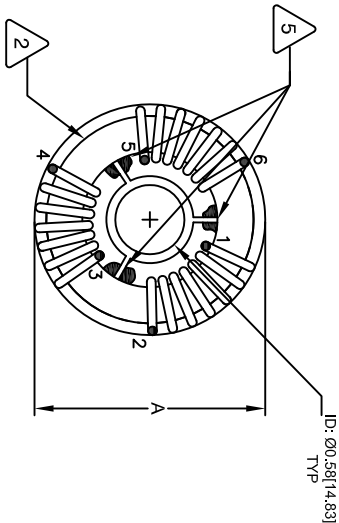
FRONT VIEW

SCHEMATIC

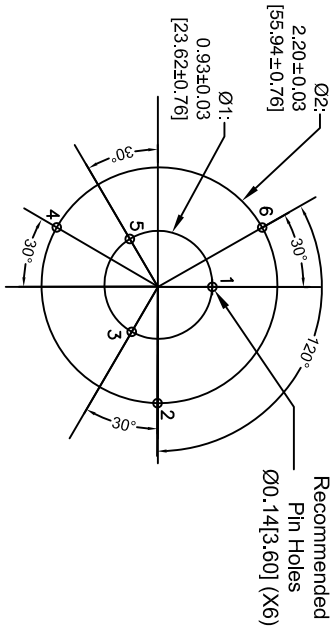
5 APPLY EPOXY WHERE SHOWN (X6 PLACES) FOR TOP AND BOTTOM SIDES.

4 STRIP AND TIN LEADS

- WEIGHT = 1/76 GRAMS TYP
CHOKE OPERATING TEMP RANGE = -30°C TO 155°C
MAX TEMP RISE = 40°C WITH AIRFLOW
INTERWINDING ISOLATION = 2000 VOLTS RMS
RATED VOLTAGE = 1000 VAC OR VDC
RATED CURRENT = 60 AMPS
LEAKAGE INDUCTANCE = 3.4uH TYP @ 10 KHz, 0.25 Vrms.
DCR ON EACH WINDING = 1.0 mΩ MAX.
SRF = 655KHz TYP
INTERWINDING CAPACITANCE = 91.6pF TYP @ SRF
|Z| = 980Ω TYP @ SRF
L = 460uH±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 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

UNLESS OTHERWISE SPECIFIED		AUTOCAD		X	
DIMENSIONING AND TOLERANCE PER ANSI Y14.5M		SOLIDWORKS		SIGN	
ALL DIMENSIONS ARE IN INCHES AND [MILLIMETERS]		DRWN TN		DATE	
TOLERANCE INCHES: 0.005 ±0.005		DATE		04/28/2020	
TOLERANCE METERS: 0.127 ±0.127		DATE		04/28/2020	
ANGLE PROJECTION: 1st Angle		APPR. JL		04/28/2020	
DO NOT SCALE DRAWING		SCALE		N/A	

www.coilwds.com		Coil Winding Specialist Inc.	
sales@coilwds.com		353 West Grove Ave	
Orange, California. 92665		Three-Phase Common Mode Choke	
460uH, 60Amps, Horizontal Mount		TFR-461U-60A	
SIZE [DIM. NO.]		REV	
B		B	