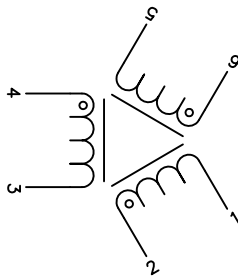
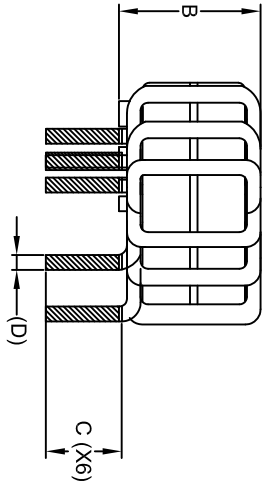


DIMENSIONAL TOLERANCE INCHES [MM]				
A	B	C	D	
MAX	MAX	MIN	TYP	
2.28 [58.00]	0.96 [24.50]	0.75 [19.05]	0.10 [2.60]	

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

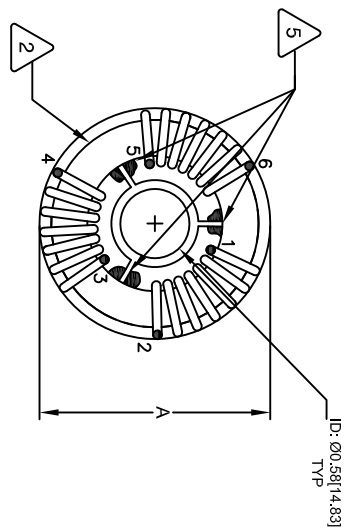
5 APPLY EPOXY WHERE SHOWN (X6 PLACES) FOR TOP AND BOTTOM SIDES.

4 STRIP AND TIN LEADS

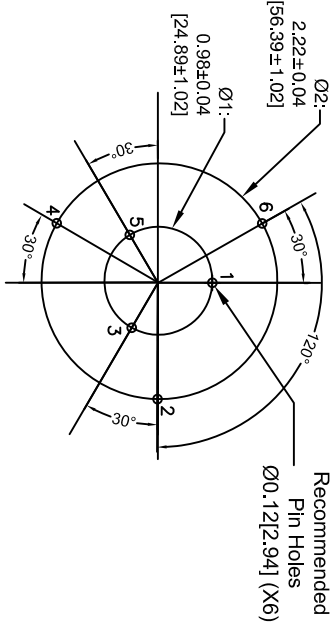
- WEIGHT = 180 GRAMS TYP
CHOKE OPERATING TEMP RANGE = -40°C TO 130°C
MAX TEMP RISE = 40°C WITH SOME AIRFLOW
INTERWINDING ISOLATION = 2000 VOLTS RMS
RATED VOLTAGE = 1000 VAC OR VDC
RATED CURRENT = 40 AMPS
LEAKAGE INDUCTANCE = 7uH TYP @ 10 KHz, 0.25 Vrms.
DCR ON EACH WINDING = 2.0mΩ MAX.
SRF = 880 KHz TYP
INTERWINDING CAPACITANCE = 45pF TYP @ SRF
|Z| = 2.3KΩ TYP @ SRF
L = 500uH±20% @ 1 KHz, 0.25 Vrms, 0 ADC
SPECIFICATIONS AT 25°C:

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



TOP VIEW



MOUNTING HOLES PATTERN

UNLESS OTHERWISE SPECIFIED		AUTOCAD		X	
DIMENSIONING AND TOLERANCE PER ANSI Y14.5M		SOLIDWORKS		SIGN	
ALL DIMENSIONS ARE IN INCHES AND [MILLIMETERS]		DRWN		TN	
TOLERANCE INCHES: 0.005 ±0.005		DATE		08/28/2020	
TOLERANCE METRIC: 0.127 ±0.127		ENGR.		JL	
ANGLE PROJECTION: 1ST ANGLE		APPR.		JL	
DO NOT SCALE DRAWING		08/28/2020		08/28/2020	
		SCALE		N/A	
		SHEET		10F	
				1	