



8 LABEL PART NUMBER AT THE BOTTOM OF THE BASE.

7 VARNISH PART USING AC43 OR EQUIVALENT

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

5/ APPLY EPOXY BETWEEN COIL AND BASE AND IN SLOTS OF THE SPACER.

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

WEIGHT = 200 GRAMS TYP

OPERATING TEMP RANGE = -40 °C TO 125°C

MAX TEMP RISE = 30 °C

INTERWINDING ISOLATION = 2000 VOLTS RMS.

DCR ON EACH WINDING = 4.20 mΩ MAX.

SRF = 1.95 MHz TYP

RATED VOLTAGE = 1000 VAC OR VDC

RATED CURRENT = 35 AMPS

LEAKAGE INDUCTANCE = 7.26uH TYP @ 10 KHz, 0.1 Vrms

INTERWINDING CAPACITANCE = 5.5pF TYP @ SRF

IMPEDANCE = 4.15k Ω TYP @ SRF

L = 1.77mH TYP @ 100 KHZ, 0.1 Vrms, 0 ADC

L = 3.50mH MIN @ 10 KHz, 0.1 Vrms, 0 ADC

3 SPECIFICATIONS AT 25°C:

WIRE: UL RECOGNIZED LITZ WIRE

CWS BYTEMARK OR OTHER APPROVED PART

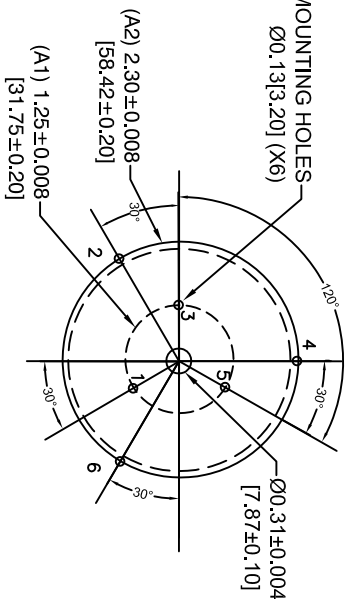
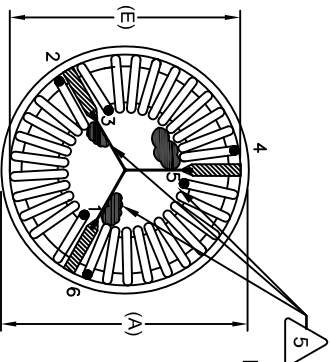
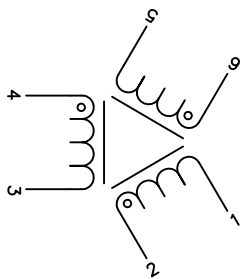
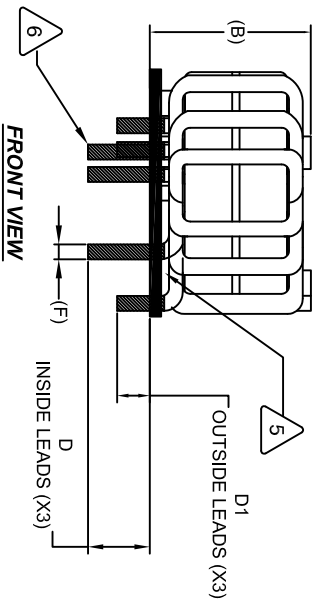
2 CORE: NANOCRYSTALLINE OR AMORPHOUS CORE

1 CASE RATING CLASS H (180°C) REQUIRED

MATERIAL: UL RECOGNIZED FOR FLAMMABILITY

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 AND (UNLESS NOTED)		SOLIDWORKS			
TOLERANCE INCHES: .XXXX ± .005 .XX ± .015 .X ± .030		SIGN		DATE	
TOLERANCE METRIC: .XXX ± .17 .XX ± .20 .X ± .30		DRAWN		01/13/2020	
ANGLE PROJECTION FIRST ANGLE		TN		01/13/2020	
DO NOT SCALE DRAWING		JW		01/13/2020	
		ENGR.		01/13/2020	
		JL		01/13/2020	
		SCALE		N/A	
		SHEET		10F	
		REV		1	