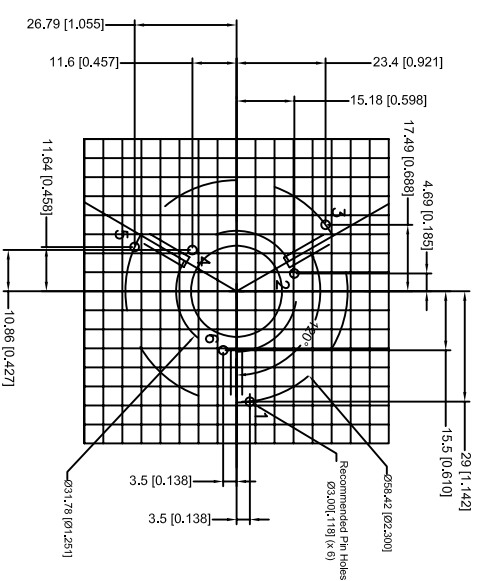
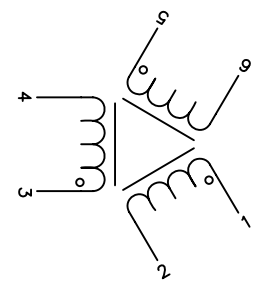
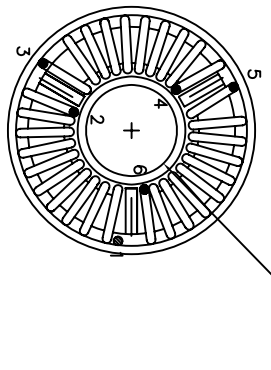
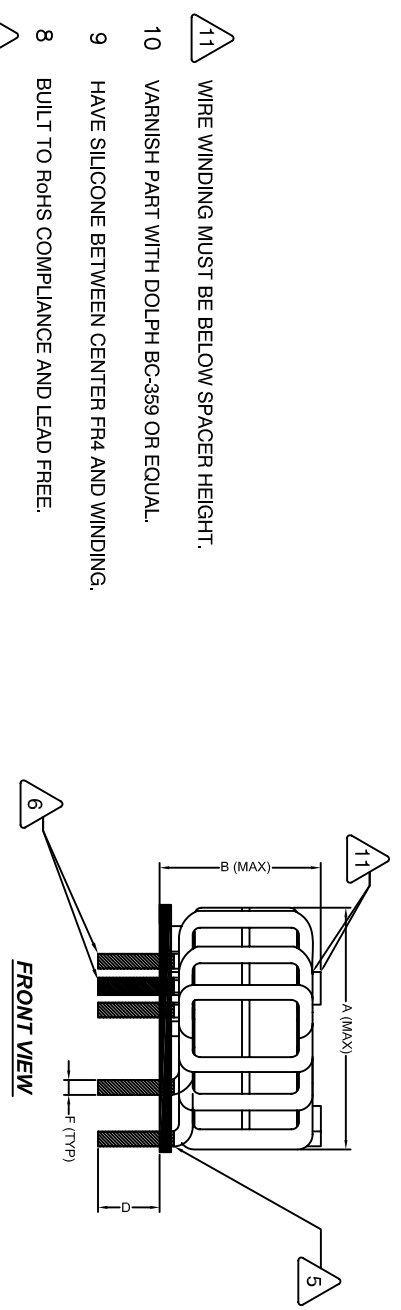


DIMENSIONAL TOLERANCE INCHES [MM]				REVISION HISTORY							
A(OD) Max	B(HGT) Max	C(OD) TYP	D(LEAD) Min	F (Lead Dia) TYP	REV	ECN	DESCRIPTION	BY	DATE	CHK	DATE
2.579 [65.5]	1.772 [45.00]	1.014 [25.75]	0.300 [7.62]	0.080 [2.03]	A		PRODUCTION RELEASE	GN	12/15/10	JLU	12/15/10
					B		ADDED BASE AND ADJUSTED DIMENSIONS AND ELECTRICAL	KC	11/10/11	AK	11/10/11



- 11 WIRE WINDING MUST BE BELOW SPACER HEIGHT.
- 10 VARNISH PART WITH DOLPH BC-359 OR EQUAL.
- 9 HAVE SILICONE BETWEEN CENTER FR4 AND WINDING.
- 8 BUILT TO ROHS COMPLIANCE AND LEAD FREE.
- 7 MARK PART NUMBER AND REVISION.
- 6 TRIM LEAD TO 0.30 INCH FROM BOTTOM OF BASE
- 5 ATTACHED PART TO CUSTOM BASE AND APPLY EPOXY
- 4 STRIP AND TIN LEAD TO ~ 0.75 INCH

WEIGHT = ~260 GRAMS
 OPERATING TEMP RANGE = -40 °C TO 130°C
 MAX TEMP RISE = 40 °C
 INTERWINDING ISOLATION = 2000 VOLTS RMS.
 DCR ON EACH WINDING = 6.8 mΩ MAX.
 SRF ~ 1.1 MHz TYP
 RATED VOLTAGE = 1000 VAC OR VDC
 RATED CURRENT = 25 AMPS
 LEAKAGE INDUCTANCE = 15.0 uH TYP @ 10 KHZ, 0.25 Vrms.
 INTERWINDING CAPACITANCE = 7.52 pF TYP @ 100KHZ.
 IMPEDANCE = 6.9 KΩ NOM @ 1.1 MHz.
 L = 10.5 mH MIN @ 10 KHZ, 0.25 Vrms, 0 ADC
 INSULATION RESISTANCE = 100 MEGA-OHMS MIN. @ 500 VDC
 SPECIFICATIONS AT 25°C:

WIRE: UL RECOGNIZED 200°C RATED MAGNET WIRE
 CWS BYTE-MARK OR OTHER APPROVED PART
 CORE: NANOCRYSTALLINE OR AMORPHOUS CORE

1 CASE RATING CLASS B (130°C) REQUIRED
 MATERIAL: UL RECOGNIZED 94V-0 FOR FLAMMABILITY

NOTES: UNLESS OTHERWISE SPECIFIED, READ NOTES FROM BOTTOM TO TOP.
 CAGE CODE: 5DME2

QTY	CODE	MFG. P/N	DESCRIPTION	ITEM NO.
			PARTS LIST	
	AUTOCAD	X		
	SOLIDWORKS			
	UNLESS OTHERWISE SPECIFIED			
	DIMENSIONING AND TOLERANCE PER ANSI Y14.5M			
	ALL DIMENSIONS ARE IN INCHES AND [MILLIMETERS]			
	TOLERANCE INCHES: $\pm .030$			
	TOLERANCE MILLIMETERS: $\pm .75$			
	ANGLE PROJECTION: $\angle = 45^\circ$			
	DO NOT SCALE DRAWING			
	DRWN	RLAU	12/16/10	
	CHKD	AK	12/16/10	
	ENGR.	JLU	12/16/10	
	APPR.	JLU	12/16/10	
	SIZE	DRG. NO.	TPC-113U-B25A	REV B
	SCALE		2=1	SHEET 10F 1