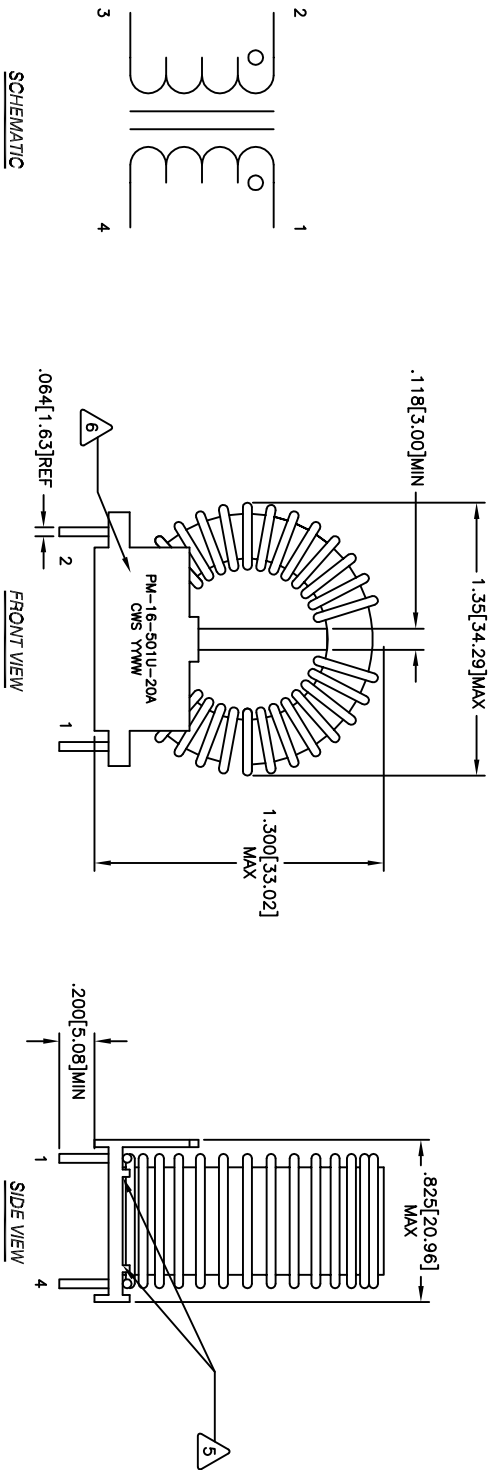


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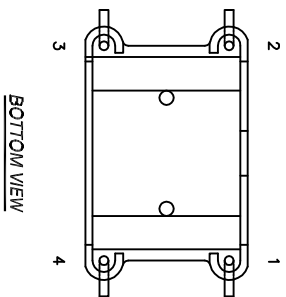
REVISION HISTORY			
REV	ECON	DESCRIPTION	DATE
A		INITIAL PRODUCTION RELEASE	3/18/10



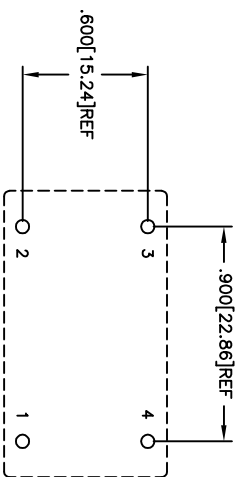
SCHEMATIC

FRONT VIEW

SIDE VIEW



BOTTOM VIEW



MOUNTING HOLES PATTERN

7 BUILT TO ROHS COMPLIANCE AND LEAD FREE.

6 IF APPLICABLE, MARK PART NUMBER AND REVISION

5 ADD EPOXY WHERE SHOWN
INSERT TINNED LEAD THRU BASE AS SELF-LEAD
REMOVE WIRE INSULATION AND TIN

4 WIND COILS EVENLY SPACED
CONSTRUCTION:

OPERATING RANGE: -40° TO +125°C

3 HI-POT WINDING-TO-WINDING 1250V AC
INTERWINDING CAPACITANCE 11.5 pF TYPICAL
LEAKAGE INDUCTANCE 5.0 uH TYPICAL
RATED CURRENT MAX. = 20 AMPS RMS
DCR = 5 MILLI-OHMS MAX PER WINDING
INDUCTANCE = 500 uH MIN
SPECIFICATIONS @ 25°C, 60 Hz, .250 mV

2 WIRE: UL RECOGNIZED CL155FC RATED MAGNET WIRE
FR4 SPACER: 3.00 MM MINIMUM THICKNESS
HEADER: UL CERTIFIED TOROID BASE
CORE: HIGH PERM MANGANESE ZINC

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

NOTES: UNLESS OTHERWISE SPECIFIED, READ FROM BOTTOM UP.

CODE	MFG. P/N	DESCRIPTION	ITEM NO.
AUTOCAD	X		
SOLIDWORKS			
SIGN	DATE	TITLE	
BRN	3/18/10	COLLWS COM, INC	
KLC		353 W Grove Ave	
AK	3/18/10	www.collws.com	
AK	3/18/10	Orange, CA 92665	
KLC	3/18/10	Common Mode Choke	
KLC	3/18/10	500 uH MIN, 20 Amp	
APPR	3/18/10	SIZE	REV
KLC		INCH	MA
		B	PM-16-501U-20A
		SCALE	A
		2=1	
			SHEET 1 OF 1