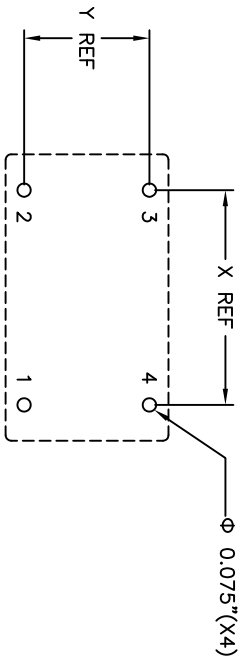
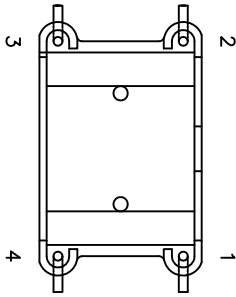
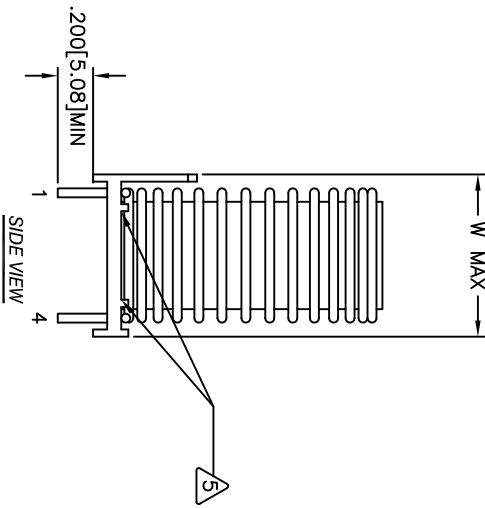
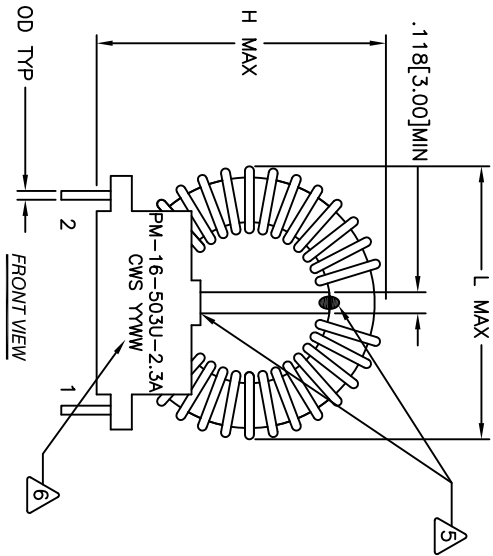


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MECHANICAL DIMENSION						
H	L	W	LEAD OD	X	Y	
MAX	MAX	MAX	TYP	REF	REF	
1.69	1.50	0.80	0.05	0.90	0.60	
[42.93]	[38.10]	[20.32]	[1.27]	[22.86]	[15.24]	

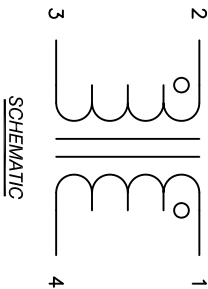
REVISION HISTORY				SIGN & DATE			
REV	ECN	DESCRIPTION		BY	DATE	CHEK	DATE
A		PRODUCTION RELEASE		TN	2/9/18	L	2/9/18



MOUNTING HOLES PATTERN

- 7 BUILT TO ROHS COMPLIANCE AND LEAD FREE
- 6 MARK PART NUMBER, REVISION AND DATE CODE
- 5 ADD EPOXY WHERE SHOWN
- OR INSERT THRU BASE
SOLDER LEADS ONTO THE BASE PIN PER DWG
REMOVE WIRE INSULATION
WIND COILS EVENLY SPACED
CONSTRUCTION:
- WEIGHT: 62.4 GRAMS (TYP)
OPERATING TEMP RANGE: -40°C TO 95°C
HI-POT WINDING-10-WINDING 1250 VAC, 10 SEC
INTERWINDING CAPACITANCE 87pF TYP @ SRF
LEAKAGE INDUCTANCE 280uH TYPICAL
Z1 = 170KΩ TYP. @ SRF
SRF = 70KHz TYPICAL
RATED CURRENT = 2.3 AMPS RMS MAX
DCR = 220 MILLI-OHMS MAX PER WINDING
INDUCTANCE = 50mH MIN
SPECIFICATIONS @ 25°C, 10KHz, 250 mV
- 3
- 2 WIRE: UL RECOGNIZED 155°C RATED MAGNET WIRE
FR4 SPACER: 3.00 MM MINIMUM THICKNESS
HEADER: UL CERTIFIED TOROID BASE
CORE: HIGH PERM MANGANESE ZINC
- 1

NOTES: UNLESS OTHERWISE SPECIFIED, READ FROM BOTTOM UP.



SCHEMATIC

CODE	IDENT	MFG. P/N	DESCRIPTION	ITEM NO.
AUTODRAW	X		PARTS LIST	
SOLDWORKS	SI0N		COIL WS.COM, INC	
DATE	2/9/18		353 W Grove Ave	
DATE	2/9/18		Orange, CA 92665	
DATE	2/9/18		TITLE:	
DATE	2/9/18		Common Mode Line Filter	
DATE	2/9/18		50.0 mH MIN, 2.5 Amp	
DATE	2/9/18		SIZE (mm IN)	
DATE	2/9/18		PM-16-503U-2.3A	
DATE	2/9/18		SCALE	
DATE	2/9/18		2=1	
DATE	2/9/18		SHEET	
DATE	2/9/18		1 OF 1	