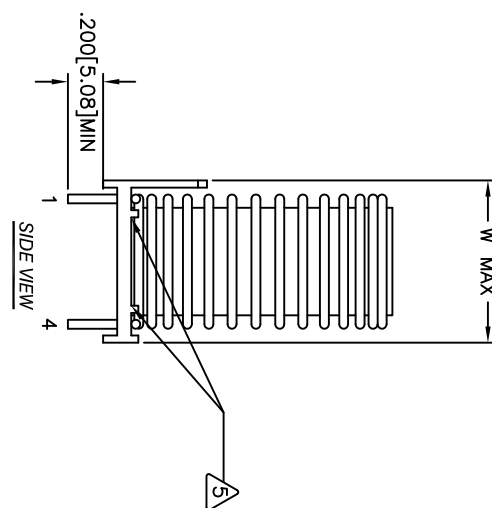
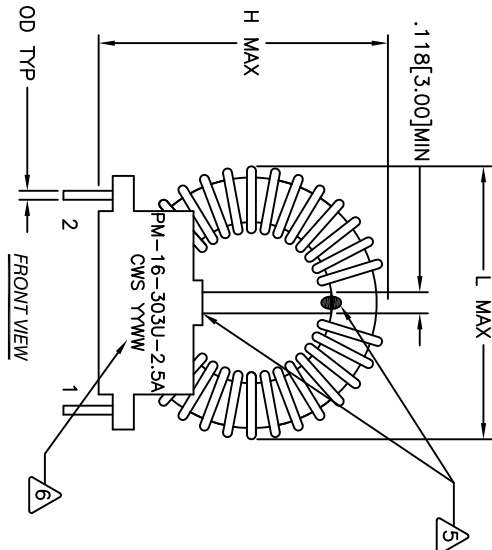


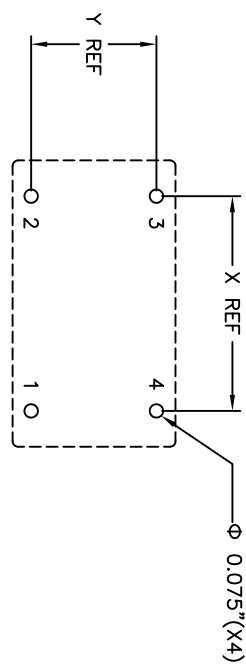
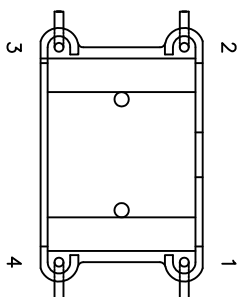
The information contained in this drawing is the sole property of CMS Coil Winding Specialist. Any reproduction in part or whole without written permission of CMS Coil Winding Specialist is prohibited.

MECHANICAL DIMENSION						
H	L	W	LEAD OD	X	Y	
MAX	MAX	MAX	TYP	REF	REF	
1.25	1.36	0.80	0.05	0.90	0.60	
[31.75]	[34.51]	[20.32]	[1.27]	[22.86]	[15.24]	

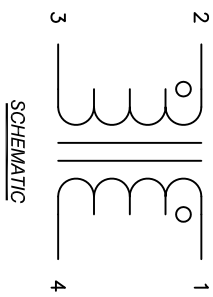
REVISION HISTORY				SIGN & DATE			
REV	ECN	DESCRIPTION		BY	DATE	CHK	DATE
A		PRODUCTION RELEASE		TN	2/9/18	L	2/9/18



- 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:
- 4



- WEIGHT: ~ 42.5 GRAMS (TYP)
OPERATING TEMP. RANGE: -40°C TO 95°C
HI-POT WINDING-10-WINDING 1250 VAC 10 SEC
INTERWINDING CAPACITANCE 73pF TYPICAL
LEAKAGE INDUCTANCE 206uH TYPICAL
Z_i = 15kΩ TYP. @ SRF
SRF = 2.6 MHz TYPICAL
RATED CURRENT = 2.5 AMPS RMS MAX
DCR = 210 MILLI-OHMS MAX PER WINDING
INDUCTANCE = 30mH MIN.
SPECIFICATIONS @ 25°C, 10kHz, 250 mV
- 3
- 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
- 2
- 1 RATING UL-CLASS B (130°) REQUIRED
MATERIAL: UL RECOGNIZED 94V-0 FLAMMABILITY FOR BOBBIN
- NOTES: UNLESS OTHERWISE SPECIFIED, READ FROM BOTTOM UP.



CODE	IDENT	MFG. P/N	DESCRIPTION	ITEM NO.
AUTOCOD	X		PARTS LIST	
SOLDWORKS	SN	DATE	COIL WS.COM, INC	CMS Coil Winding Specialist.
DATE	2/9/18		353 W Grove Ave	Orange, CA 92665
DATE	2/9/18		TITLE:	Common Mode Line Filter
DATE	2/9/18		30.0 mH MIN, 2.5 Amp	
DATE	2/9/18		SIZE (mm IN)	PM-16-303U-2.5A
DATE	2/9/18		SCALE	B
DATE	2/9/18		SCALE	2=1
DATE	2/9/18		SHEET	1 OF 1