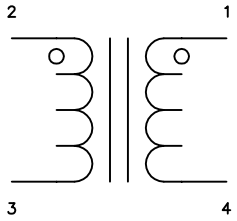
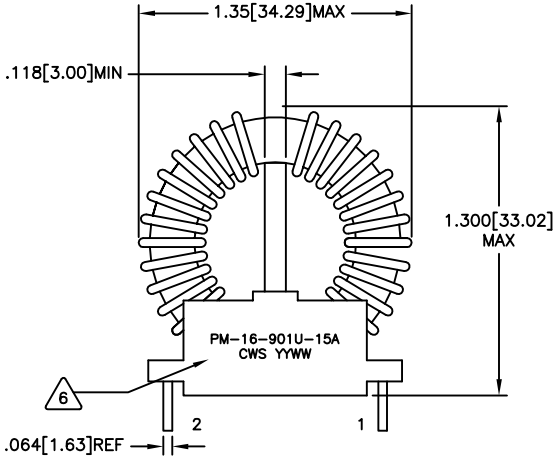
The information contained in this drawing is the sole property of CWS Coil Winding Specialist.
Any reproduction in part or whole without written permission of CWS Coil Winding Specialist is prohibited.

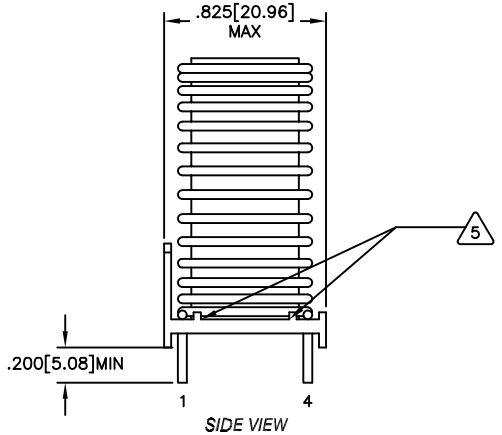
REVISION HISTORY						
REV	ECN	DESCRIPTION	SIGN & DATE BY	DATE	CHK	DATE
A		INITIAL PRODUCTION RELEASE	KLC	3/18/10	AK	3/18/10



SCHEMATIC



FRONT VIEW



SIDE VIEW

7 BUILT TO RoHS COMPLIANCE AND LEAD FREE.

6 IF APPLICABLE, MARK PART NUMER 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

HI-POT WINDING-TO-WINDING 1250V AC
INTERWINDING CAPACITANCE 16 pF TYPICAL
LEAKAGE INDUCTANCE 8 uH TYPICAL
RATED CURRENT MAX. = 15 AMPS RMS
DCR= 7 MILLI-OHMS MAX PER WINDING
INDUCTANCE = 900 uH MIN

3 SPECIFICATIONS @ 25°C, 60 Hz, .250 mV

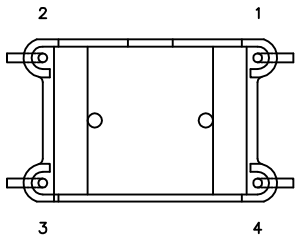
WIRE: UL RECOGNIZED CL155°C RATED MAGNET WIRE
FR4 SPACER: 3.00 MM MINIMUM THICKNESS
HEADER: UL CERTIFIED TOROID BASE

2 CORE: HIGH PERM MANGANESE ZINC

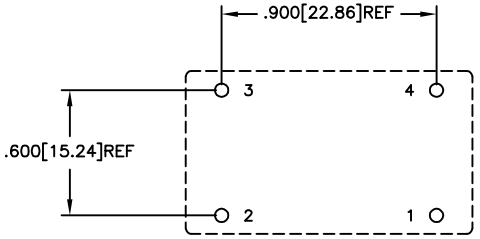
RATING UL-CLASS B (130°) REQUIRED

1 MATERIAL: UL RECOGNIZED 94V-0 FLAMMABILITY FOR BOBBIN

NOTES: UNLESS OTHERWISE SPECIFIED. READ FROM BOTTOM UP.



BOTTOM VIEW



MOUNTING HOLES PATTERN

CODE IDENT	MFG. P/N	DESCRIPTION	ITEM NO.

PARTS LIST

UNLESS OTHERWISE SPECIFIED		
	SIGN	DATE
DRAWN	KLC	3/18/10
CHECKED	AK	3/18/10
ENGR.	KLC	3/18/10
APPR.	KLC	3/18/10

DIMENSIONING AND TOLERANCE PER ANSI Y14.5M
ALL DIMENSIONS ARE IN INCHES AND [MILIMETERS].
TOLERANCE INCHES: .XXX=±.005 .XX=±.015 ∠=±0°30'
TOLERANCE METRICS: .XXX=±.127 .XX=±.38 ∠=±0°30'
ANGLE PROJECTION
DO NOT SCALE DRAWING

AUTOCAD	X
SOLIDWORKS	

COILWS.COM, INC
www.coilws.com

CWS Coil Winding Specialist.
353 W Grove Ave
Orange, CA 92865

TITLE: Common Mode Choke
900 uH MIN, 15 Amp

SIZE B | DWG. NO. PM-16-901U-15A | REV A

SCALE 2=1 | SHEET 1 OF 1

CAD-FILE: