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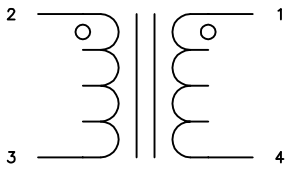
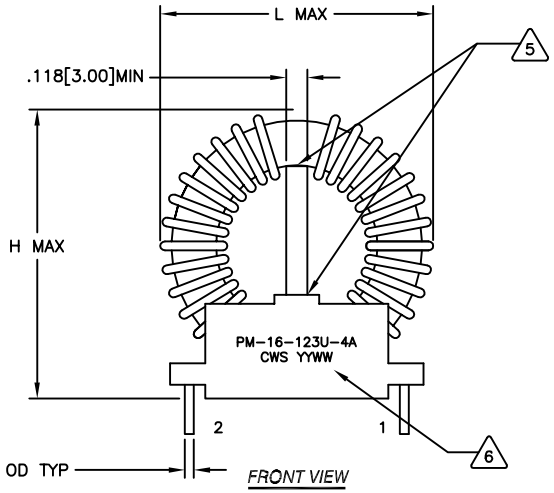
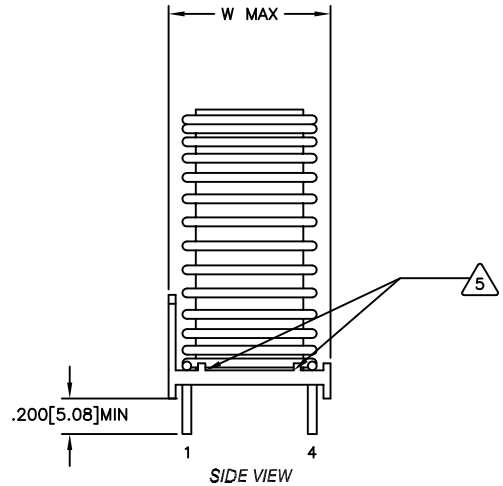
REVISION HISTORY						
REV	ECN	DESCRIPTION	SIGN & DATE BY	DATE	CHK	DATE
A		INITIAL PRODUCTION RELEASE	KLC	9/29/10	AK	9/29/10



SCHEMATIC



FRONT VIEW



SIDE VIEW

7 BUILT TO RoHS COMPLIANCE AND LEAD FREE.

6 IF APPLICABLE, MARK PART NUMER AND REVISION

OR INSERT THRU BASE. ADD EPOXY WHERE SHOWN
5 SOLD LEADS ON THE THE BASE PIN PER DWG
REMOVE WIRE INSULATION AND TIN

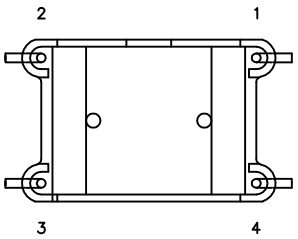
WIND COILS EVENLY SPACED
4 CONSTRUCTION:

WEIGHT: ~ 40 GRAMS
OPERATING RANGE: -40° TO +125°C
HI-POT WINDING-TO-WINDING 1250 V AC, 10 SEC
INTERWINDING CAPACITANCE 70 pF TYPICAL
LEAKAGE INDUCTANCE 60 uH TYPICAL
RATED CURRENT MAX. = 4 AMPS RMS
DCR=100 MILLI-OHMS MAX PER WINDING
INDUCTANCE =12 mH MIN
3 SPECIFICATIONS @ 25°C, 60 Hz, .250 mV

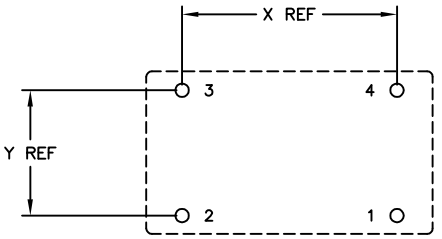
WIRE: UL RECOGNIZED CL 155°C RATED MAGNET WIRE
FR4 SPACER: 3.00 MM MINIMUM THICKNESS
HEADER: UL CERTIFIED TOROID BASE
2 CORE: HIGH PERM MANGANESE ZINC

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

H (MAX)	L (MAX)	W (MAX)	LEAD OD (TYP)	RECOMMENDED PCB HOLE
1.300 [33.02]	1.350 [34.29]	.825 [20.96]	.050 [1.27]	.091 [2.30]
PM-SERIES	"X" DIM	"Y" DIM	MAX W DIM	CHECKED
PM-16	.90 [22.86]	.60 [15.24]	.825 [20.96]	X

UNLESS OTHERWISE SPECIFIED
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

CODE IDENT	MFG. P/N	DESCRIPTION	ITEM NO.
		PARTS LIST	

AUTOCAD	X	COILWS COM, INC www.coilws.com
SOLIDWORKS		CWS Coil Winding Specialist. 353 W Grove Ave Orange, CA 92865
SIGN	DATE	
DRAWN KLC	9/29/10	TITLE: Common Mode Line Filter 12.0 mH MIN, 4 Amp
CHECKED AK	9/29/10	
ENGR. KLC	9/29/10	SIZE B DWG. NO. PM-16-123U-4A REV A
APPR. KLC	9/29/10	SCALE 2=1 SHEET 1 OF 1

CAD-FILE: