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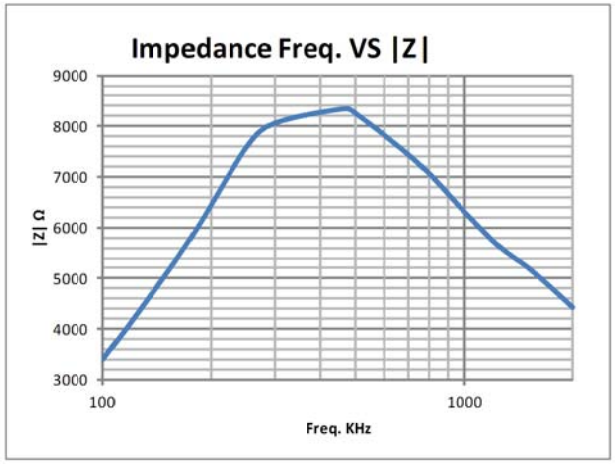
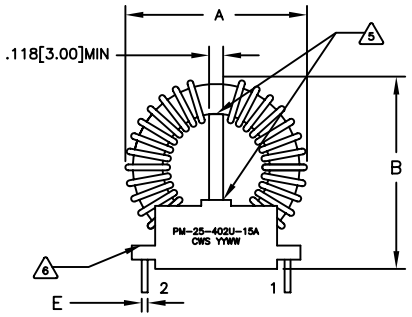
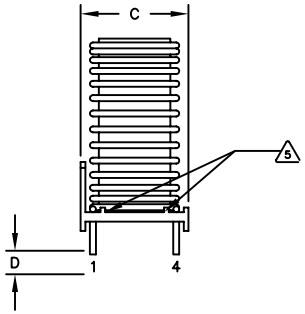
DIMENSIONAL TOLERANCE						
A MAX	B (HGT) MAX	C MAX	D (LEAD) MIN	E (LEAD OD) TYP	X REF	Y REF
1.70" [43.2]	1.70" [43.2]	.90" [22.9]	.20" [5.1]	.060" [1.52]	1.20" [30.5]	.70" [17.8]

REVISION HISTORY						
REV	ECN	DESCRIPTION	SIGN & DATE BY	DATE	CHK	DATE
A		INITIAL RELEASE	KLC	12/1/2011	AK	12/1/2011





Top View



Side View

7 BUILT TO RoHS COMPLIANCE AND LEAD FREE.

6 IF APPLICABLE, MARK PART NUMER AND REVISION

WHERE SHOWN
PULL LEADS THRU BASE AND ADD EPOXY
5 REMOVE WIRE INSULATION AND TIN

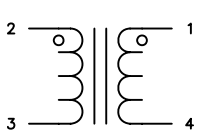
WIND COILS EVENLY SPACED
4 CONSTRUCTION:

WEIGHT: ~ 80 GRAMS
HI-POT WINDING-TO-WINDING 1250 V AC, 10 SEC
INTERWINDING CAPACITANCE 10 pF TYPICAL @ 10 kHz
LEAKAGE INDUCTANCE 25 uH TYPICAL @ 10kHz
DCR= 15 mΩ MAX PER WINDING
SRF = 770 kHz TYPICAL
IMPEDANCE @ 770 KHz ~ 6.9 kΩ
RATED MAX CURRENT = 15 AMPS RMS
INDUCTANCE = 4.0 mH MIN @ 10kHz/0.100 Vrms
MAX. TEMP RISE AT RATED CURRENT < 40°C
OPERATING TEMPERATURE: -40° TO 125°C
3 SPECIFICATIONS @ 25°C

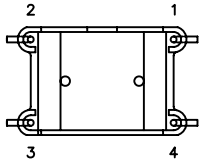
FR4 SPACER: 3.00 MM MINIMUM THICKNESS
HEADER: UL CERTIFIED TOROID BASE
2 CORE: HIGH PERM MANGANESE ZINC

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

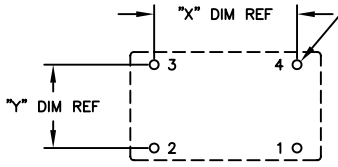
NOTES: UNLESS OTHERWISE SPECIFIED. READ FROM BOTTOM UP.
CAGE CODE: 5DME2



Schematic



Bottom View



Mounting Holes Pattern

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

AUTOCAD	X	WWW.COILWS COM, INC	CWS Coil Winding Specialist.
SOLIDWORKS		sales@coilws.com	353 W Grove Ave Orange, CA 92865

UNLESS OTHERWISE SPECIFIED	SIGN	DATE
DIMENSIONING AND TOLERANCE PER ANSI Y14.5M	DRAWN KLC	12/1/2011
ALL DIMENSIONS ARE IN INCHES AND [MILIMETERS].	CHECKED AK	12/1/2011
TOLERANCE INCHES: .XXX=±.005 .XX=±.015 ∠=±0°30'	ENGR. KLC	12/1/2011
TOLERANCE METRICS: .XXX=±.127 .XX=±.38 ∠=±0°30'	APPR. KLC	12/1/2011
ANGLE PROJECTION		
DO NOT SCALE DRAWING		

TITLE: COMMON MODE LINE FILTER 4.0 mH, 15 Amp

SIZE	DWG. NO.	REV
B	PM-25-402U-15A	A

SCALE 2=1 SHEET 1 OF 1

CAD-FILE: