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- BUILT TO ROHS COMPLIANCE AND LEAD FREE WHERE SHOWN
- IF APPLICABLE, MARK PART NUMBER AND REVISION
- APPLY EPOXY 2 PARTS
- REMOVE INSULATION AND SOLDER TO BOBBIN LEADS
- WIND BOTH COILS EVENLY SPACED
- CONSTRUCTION:

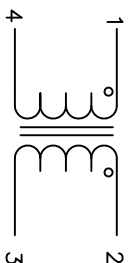
WEIGHT: ~ 17 GRAMS  
OPERATING TEMP. RANGE: -40°C TO +125°C  
|Z| = 22KΩ TYP. @ SRF  
LEAKAGE INDUCTANCE = 50.0μH TYP  
INTERWINDING CAPACITANCE = 9pF TYP  
LEAKAGE INDUCTANCE = 50.0μH TYP  
SRF = 784kHz TYP.  
HI-POT TEST FOR INTERWINDING ISOLATION = 1250VDC  
MAX. TEMP RISE AT RATED CURRENT = 20°C  
RATED CURRENT = 1.5 AMPS AC MAX  
DCR = 80.0 MILLI-OHMS MAX. PER SIDE  
L = 3.50 mH MIN. +25% @ 100kHz, 250mVrms  
SPECIFICATIONS @ 25°C:

WIRE: UL RECOGNIZED 155°C OR 200°C RATED MAGNET WIRE  
CWS BYTEMARK OR OTHER APPROVED PART  
CORE: COATED FERRITE TOROID, HIGH PERM MNZN

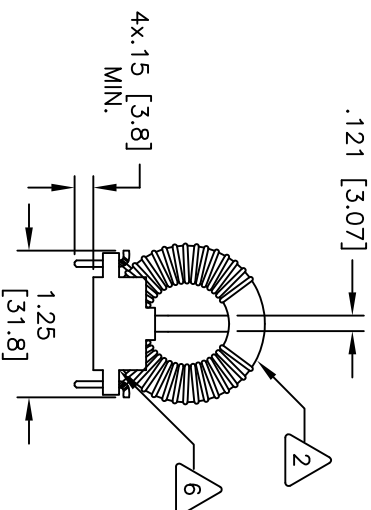
1 MATERIAL: UL RECOGNIZED 94V-0 FLAMMABILITY FOR BOBBIN

NOTES: UNLESS OTHERWISE SPECIFIED. READ FROM BOTTOM UP.

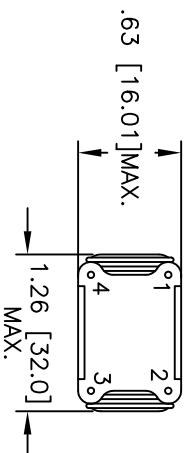
CAGE CODE: 5DME2



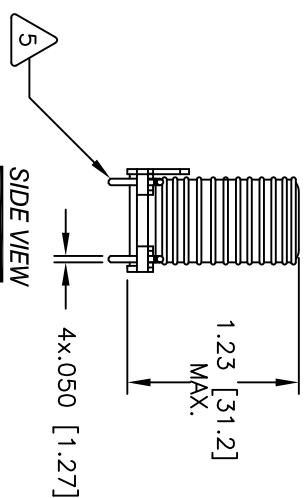
SCHEMATIC



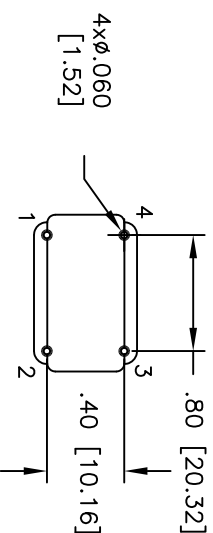
FRONT VIEW



BOTTOM VIEW




SIDE VIEW



MOUNTING HOLES PATTERN

REVISION HISTORY					
REV	ECN	DESCRIPTION	SIGN & DATE		
			BY	DATE	CHK DATE
A		PRODUCTION RELEASE	RLU	4/18/07	JLU 4/18/07
A1		UPDATE ELEC. SPEC.	TN	2/15/18	JL 2/15/18

CODE		MFG. P/N	DESCRIPTION	ITEM
IDENT				NO.
PARTS LIST				
AUTOCAD	X	COILWS.COM, INC 353 W GROVE AVENUE ORANGE, CA. 92865  CWS Coil Winding Specialist.		
SOLIDWORKS				
SIGN	DATE			
DRAWN	4/18/07			
CHECKED	4/18/07			
ENGR.	4/18/07	Common Mode Line Chokes 3.5mH MIN., 1.5 Amp		
APPR.	4/18/07			
SCALE	B			
SIZE		PM-12-352U-1.5A	REV	A1
SCALE		1=1	SHEET	1 OF 1

UNLESS OTHERWISE SPECIFIED	
DIMENSIONING AND TOLERANCE PER ANSI Y14.5M	
ALL DIMENSIONS ARE IN INCHES AND [MILLIMETERS].	
TOLERANCE INCHES: .005+.0030 <sup>-</sup>	
TOLERANCE METRICS: .XXX±.005 .XX±.015	
TOLERANCE METRICS: .XXX±.127 .XX±.038	
ANGLE PROJECTION	
DO NOT SCALE DRAWING	