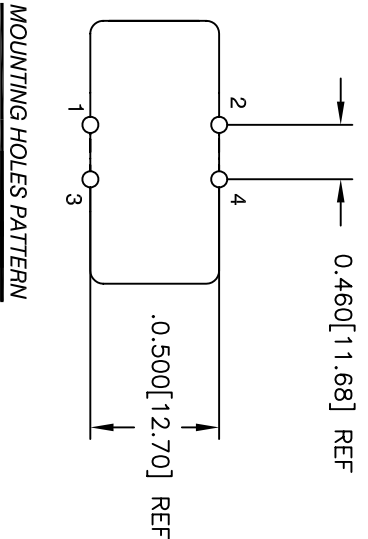
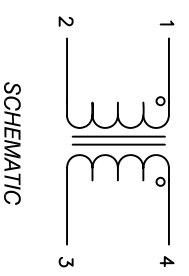
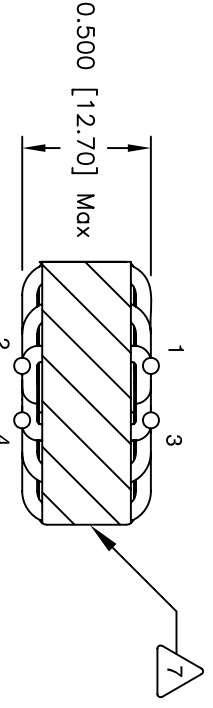
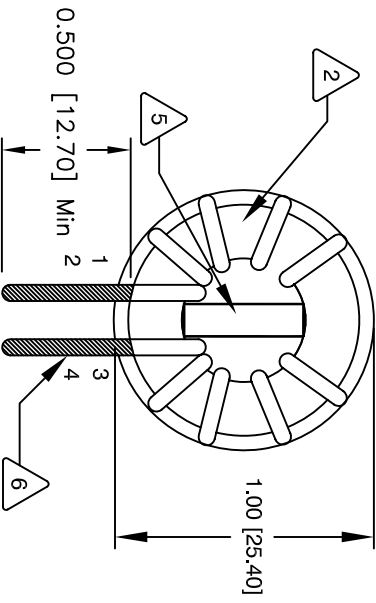


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REVISION HISTORY		SIGN & DATE				
REV	ECN	DESCRIPTION	BY	DATE	CHK	DATE
A		PRODUCTION RELEASE	KLC	02/10/10	AK	02/10/10
B		FIX NUMBER OF TURNS AND INDUCTANCE	BO	02/26/13	JM	02/26/13
C		ELECT. SPECS CHANGE	AK	04/09/13	BO	04/09/13

- 8 BUILT TO ROHS COMPLIANCE AND LEAD FREE.  
WHERE SHOWN, USING A PERMANENT MARKING METHOD  
MARK PART NUMBER AND REVISION
- 7 WRAP INDUCTOR WITH 3M #1350 TAPE OR EQUIVALENT  
TO THE CORE  
MUST REST FLAT ON PCB, LEADS MUST BE TANGENT  
FLUSH WITH THE CORE EDGE, AS SHOWN (I.E. COIL  
REMOVE INSULATION AND TIN LEADS APPROX. 0.5 INCH
- 6 SPACER : UL 94-V0, NYLON 6/6, FR4
- 5 WIND BOTH COILS EVENLY SPACED
- 4 CONSTRUCTION:  
INTER-WINDING CAPACITANCE = 10.30 pF  
LEAKAGE INDUCTANCE = 9.0 uH Typical  
CURRENT RATING = 7.5 AMPS  
DCR ON EACH WINDING = 15.0 MILLI-OHMS MAX  
L = 1.2 mH MIN @ 10 KHZ, 250 mV
- 3 SPECIFICATIONS:



- 2 WIRE: UL RECOGNIZED 155 °C OR 200 °C (PREFERRED) RATED MAGNET WIRE  
CWS BYTEMARK OR OTHER APPROVED PART  
CORE: COATED FERRITE TOROID, HIGH PERM MNZN
  - 1 RATING CLASS B (130 °C MIN.) REQUIRED  
MATERIAL: UL RECOGNIZED 94V-0 FOR FLAMMABILITY
- NOTES: UNLESS OTHERWISE SPECIFIED, COMMON MODE CHOKE  
READ FROM BOTTOM UP.

CODE IDENT	MFG. P/N	DESCRIPTION	ITEM NO.
<b>PARTS LIST</b>			
AUTOCAD SOLIDWORKS SIGN	X	DATE	
DRWN	KLC	02/10/10	
CHKD	AK	02/10/10	
ENGR	KLC	02/10/10	
APPR	KLC	02/10/10	
TITLE:		Common Mode Line Choke	
SIZE	DWG. NO.	REV	
B	CM-142U-7.5AV	C	
SCALE		SHEET	1 OF 1
NOT TO SCALE			

UNLESS OTHERWISE SPECIFIED  
DIMENSIONING AND TOLERANCE PER ANSI Y14.5M AND [MILLIMETERS].  
TOLERANCE INCHES: .XXX=±.005 .XX=±.015 .X=±.030  
TOLERANCE METRICS: .XXX=±.127 .XX=±.254 .X=±.381  
ANGLE PROJECTION DO NOT SCALE DRAWING