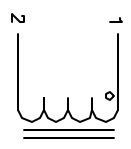


The information contained in this drawing is the sole property of CWS Coil Winding Specialist. Any reproduction in part or whole without written permission of CWS Coil Winding Specialist is prohibited.

REVISION HISTORY

REV	ECN	DESCRIPTION	DATE	BY	CHK
E		PRODUCTION RELEASE	5/04/05	JLU	5/04/05



WHERE SHOWN, USING A PERMANENT MARKING METHOD IF NEEDED, MARK PART NUMBER AND REVISION APPROX (PER NOTE 2)
 WRAP KAPTON TAPE OVER CORE FOR INSULATION

LEAD LENGTH = .33 INCH TINNED TO THE BASE
 INSERT TUBING, REMOVE INSULATION AND TIN LEADS APPROX. 0.25 INCH

PRE-FORM WIRE AND INSERT SINGLE TURN, EPOXY BOND TO CORE CONSTRUCTION:

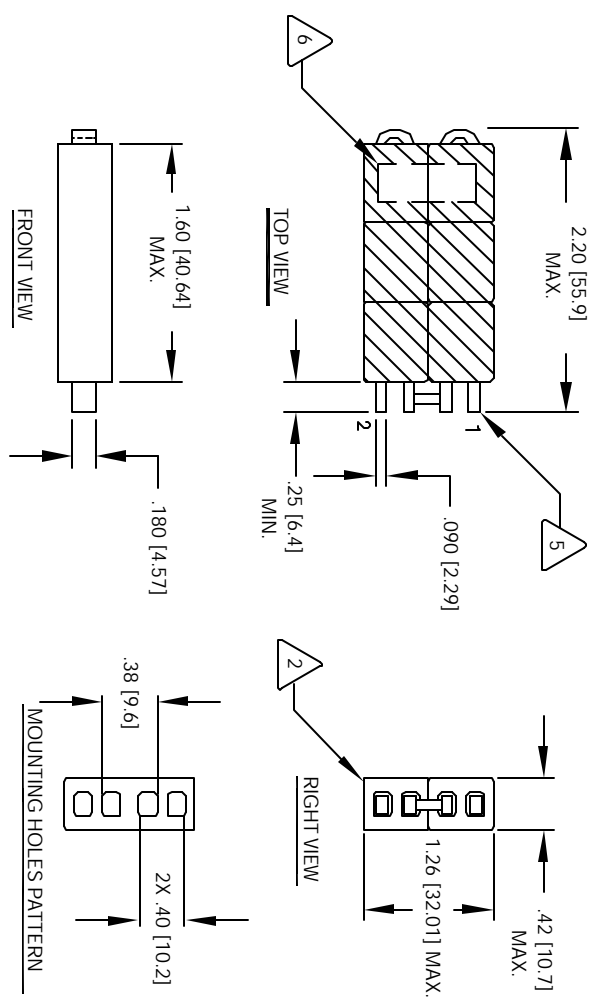
HI-POT TEST FOR WINDING TO CORE = 750 VDC
 CURRENT RATING = 250 AMPS DC, MAX.
 DCR = 1.6 MILLIOHMS, MAX.

L = 2 uH ±20% WITH CENTER LEGS CONNECTED
 SPECIFICATIONS @ 25 °C:

OUTER WRAP: 3M KAPTON TAPE
 WIRE: UL RECOGNIZED 200° RATED MAGNET WIRE
 CWS BYTEMARK OR OTHER APPROVED PART
 CORE: COATED 10MM MPP SQUARE BALUN CORE

WIRE INSULATION RATING : 200° C REQUIRED
 MATERIAL: UL RECOGNIZED 94V-0 FOR FLAMMABILITY

NOTES: UNLESS OTHERWISE SPECIFIED, READ FROM BOTTOM UP.



QTY	CODE	IDENT	MFG. P/N	DESCRIPTION	ITEM NO.
7.0"	3M		31-0092-0100-00	KAPTON TAPE 1" WIDTH	3
5"	CWS		60-0118-0224-00	RECT. MAGNETIC WIRE	2
6	CWS		18-0155-0125-00	10mm MPP, 125uH	1

UNLESS OTHERWISE SPECIFIED		AUTOCAD		X	
PAINSPRING AND TOLERANCE PER ANSI Y14.5M		SOLIDWORKS		SIGN	
ALL DIMENSIONS ARE IN INCHES AND [DIMUNIT=IN]		DATE		5/04/05	
TOLERANCE INCHES: .XXXX±.005 .XX±.015 .X±.030		DRAWN		RFR	
TOLERANCE METERS: .XXX±.127 .XX±.38 .X±.075		CHKD		JLU	
ANGLE PROJECTION		ENGR		KSUM	
DO NOT SCALE DRAWING		APPR		JLU	
		DATE		5/04/05	
TITLE: 250 Amps Differential Mode Inductor		SCALE		B	
CWS Coil Winding Specialist 1510 E. Edinger Ave Unit B, Santa Ana, CA 92705		SIZE		DWR. NO.	
		1=1		CWS-150176	
		SHEET		1 OF 1	