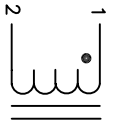


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SCHEMATIC

8 BUILT TO ROHS COMPLIANCE AND LEAD FREE

7 WHERE SHOWN, USING A PERMANENT MARKING METHOD MARK PART NUMBER AND REVISION

6 BOTTOM CORE AS SHOWN  
APPLY ONE KAPTON TAPE TO COVER THE

5 FILL WINDING AND CORE WITH EPOXY 2 PART A&B (600°F, 315°C) THE LEAD MUST REST FLAT ON PCB.  
REMOVE INSULATION AND TIN LEADS APPROX. 0.43 INCH

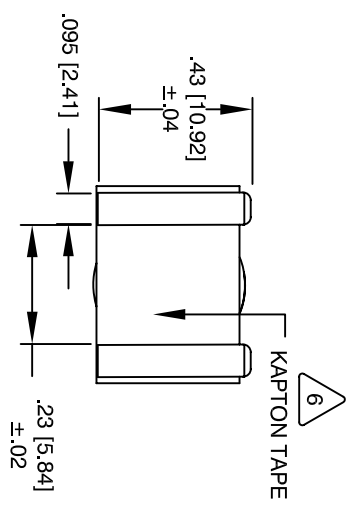
4 HELIX WIND 7-3/4 TURNS TIGHT TO CORE AND EVENLY SPACED CONSTRUCTION:

3 HI-POT (2 SECOND, 5mA MAX), 300 VRMS WINDING TO CORE  
DCR= 10.5 MILLI-OHMS MAX. @ 25 ° C  
RATED CURRENT = 17A MAX. @ 125 ° C  
L = 4.7 uH ±15% , 0.25V, 0.5 A, 100kHz. @ 125 ° C  
SPECIFICATIONS @ 25°C

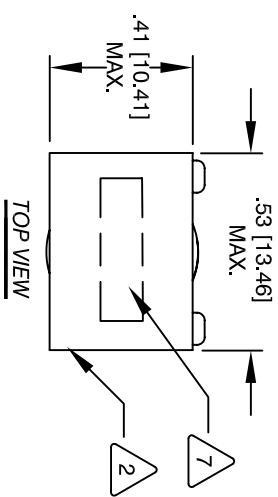
2 EPOXY: 2 PARTS A & B (600°F.-315°C)  
WIRE: UL RECOGNIZED 200°C RATED MAGNET WIRE, JIS C3102  
CWS BYTEMARK OR OTHER APPROVED PART  
CORE: HIGH FLUX

1 HELICAL COIL RATING 200°C REQUIRED  
MATERIAL: UL RECOGNIZED 94V-0 FOR FLAMMABILITY

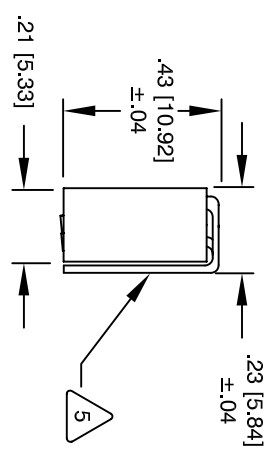
NOTES: UNLESS OTHERWISE SPECIFIED, READ FROM BOTTOM UP.



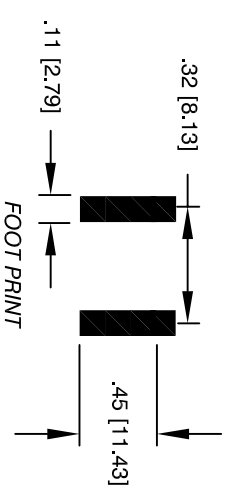
BOTTOM VIEW



TOP VIEW



SIDE VIEW



FOOT PRINT

REVISION HISTORY		SIGN & DATE				
REV	ECN	DESCRIPTION	BY	DATE	CHK	DATE
C	1	PRODUCTION RELEASE	RLU	10/15/05	JLJU	10/15/05
D	2	CHANGE ELECTRICAL	AK	02/27/12	KC	02/27/12

A/R	QTY	UM	CODE	MFG. P/N	DESCRIPTION	ITEM NO.
1	.42"	CWS	8265-S		EPOXY 2 PARTS A&B (600°F, 315°C)	5
1	2'.0	CWS	KAPTON TAPE		KAPTON TAPE, 0.25 Wx .42	4
1	EA	CWS	ET26174		BLK, KAPTON TAPE, 0.375"W x 2.0"	3
2	EA	CWS	395275		2.4x .2mm RIBBON WIRE	2
					HIGH FLUX CORE	1

UNLESS OTHERWISE SPECIFIED		DIMENSIONING AND TOLERANCES PER ANSI Y14.5M AND [MILLIMETERS]		TOLERANCE INCHES:		TOLERANCE METRICS:		ANGLE PROJECTION	
DO NOT SCALE DRAWING		±	±	±	±	±	±		

PARTS LIST		TITLE:		CWS Coil Winding Specialist.	
17 Amps Output Choke		353 WEST GROVE AVE.			
(2.4mmx .24mm 7-3/4I)		Bldg 7, ORANGE, CA. 92685			