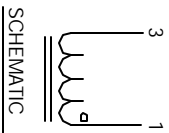


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REVISION HISTORY			
REV	ECN	DESCRIPTION	9/24/04
BR	DATE	CHK	DATE
A		PRODUCTION RELEASE	
	RRR	9/25/04	1/14/04
			9/25/04

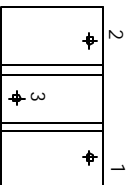
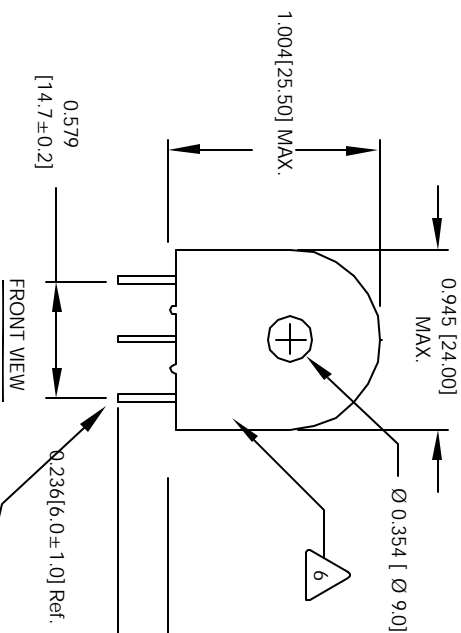


- 6 WHERE SHOWN  
MARK PART NUMBER AND REVISION
- 5 REMOVE INSULATION, SOLDERED TO LEADS
- 4 CONSTRUCTION: ENCAPSULATED USING BOBBIN.

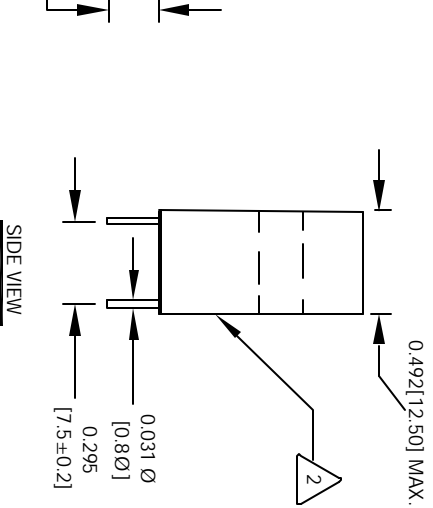
- 2 OPERATING TEMP. = -25 °C TO 125 °C  
OUTPUT VOLTAGE AT RL AND MAX (In) = 2.0 V RMS  
BURDEN RESISTOR (RL) = 100 OHMS  
DC RESISTANCE @ 25 °C = 45 OHMS MAX  
MAX AMPLITUDE ERROR WITHIN RANGE OF (In) = 5 %  
ACCURACY CLASS = ± 5 %  
= 60 AMPS RMS MAX.  
MAX AC PRIMARY CURRENT WITHOUT SATURATION (I max),  
= 20 AMPS RMS NOMINAL.  
PRIMARY CURRENT RANGE WITH DEFINED ERROR TOLERANCES (In),  
SPECIFICATIONS @ 25 °C :

- 1 WIRE: UL RECOGNIZED 130 °C RATED MAGNET WIRE  
CWS BYTEMARK OR OTHER APPROVED PART  
CORE: FERRITE TOROID

- BOBBIN RATING CLASS B (130 °C) REQUIRED
  - MATERIAL: UL RECOGNIZED 94V-0 FOR FLAMMABILITY
- NOTES: UNLESS OTHERWISE SPECIFIED, CURRENT SENSOR.  
UNIT: INCHES [MM]



BOTTOM VIEW



MOUNTING HOLES PATTERN

UNLESS OTHERWISE SPECIFIED	
DRAWING AND TOLERANCE PER ANSI Y14.5M AND [DIMETERS]	±0.30
TOLERANCE METERS	±0.30
±0.005 ±0.125 ±0.250	±0.125
±0.002 ±0.050 ±0.100	±0.050
±0.001 ±0.025 ±0.050	±0.025
±0.0005 ±0.0125 ±0.025	±0.0125
±0.0002 ±0.00625 ±0.0125	±0.00625
±0.0001 ±0.003125 ±0.00625	±0.003125
ANGLE PROJECTION	1
DO NOT SCALE DRAWING	

QTY	CODE	IDENT	MFG. P/N	DESCRIPTION	ITEM NO.
				<b>PARTS LIST</b>	
				<b>CURRENT SENSE TRANSFORMER</b>	
				<b>COIL WS COIL, INC</b>	
				1510 E. Edinger Ave.	
				Unit B, Santa Ana, CA, 92705	
				CWS Coil Winding Specialist.	
				WWW.COILWS.COM	
				TITLE: <b>Current Sense Transformer</b>	
				SIZE: <b>DWS ML</b>	
				SCALE: <b>B</b>	
				APPR: <b>JLAV</b>	
				DATE: <b>9/25/04</b>	
				ENG: <b>KSUM</b>	
				DATE: <b>9/25/04</b>	
				DRAW: <b>RRR</b>	
				DATE: <b>9/25/04</b>	
				SIGN: <b>RRR</b>	
				DATE: <b>9/25/04</b>	
				SOLIDWORKS: <b>X</b>	
				AUTOCAD: <b>X</b>	