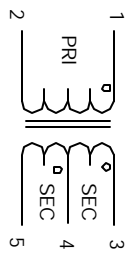


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REVISION HISTORY

REV	ECN	DESCRIPTION	DATE	BY	DATE
A		PRODUCTION RELEASE	5/19/04	TKK	5/19/04



SCHEMATIC

6 WHERE SHOWN
MARK PART NUMBER AND REVISION

5 REMOVE INSULATION, SOLDERED TO LEADS

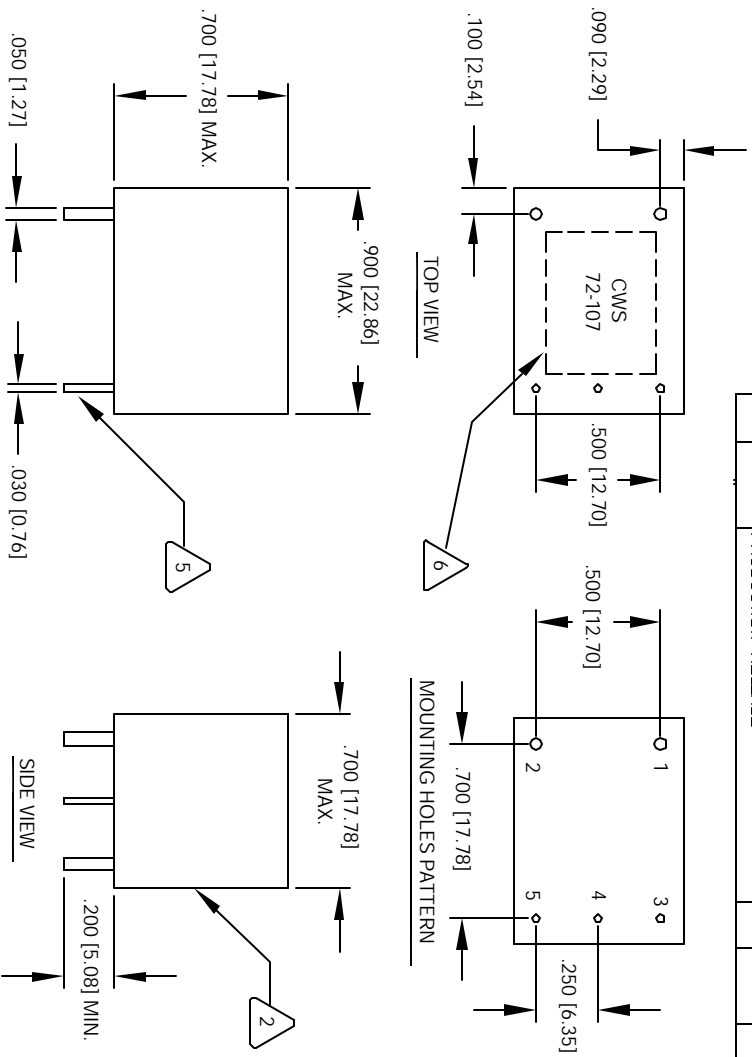
4 CONSTRUCTION: ENCAPSULATED USING BOBBIN.

- 3 SPECIFICATIONS @ 25 °C :
- FREQ. RANGE = 20 KHZ TO 200 KHZ
 - OPERATING TEMP. = - 25 °C TO 125 °C
 - HIPOT PRIMARY TO SECONDARY = 3750 Vrms
 - ONE TURN PRIMARY PEAK SENSE CURRENT = 20 A
 - PRIMARY BIPOLAR = 1200 AMPS-uSEC RATING MAX
 - PRIMARY UNIPOLAR = 600 AMPS-uSEC RATING MAX
 - SECONDARY RATED TERMINATING RESISTANCE = 200 OHMS NOMINAL
 - SECONDARY DCR = 4.5 OHMS MAX
 - SECONDARY INDUCTANCE TEST VOLTAGE @ 15.75 KHZ = 2.0 V
 - SECONDARY INDUCTANCE = 80.0 MH MIN
 - SECONDARY TURNS = 200 CT

2 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
UNIT: INCHES [MM]

NOTES: UNLESS OTHERWISE SPECIFIED, CURRENT SENSOR.



UNLESS OTHERWISE SPECIFIED	DO NOT SCALE DRAWING
DRAWING AND TOLERANCE PER FIG 11.54M	
ALL DIMENSIONS ARE IN INCHES AND (MILLIMETERS)	
TOLERANCE NOTICES	
XXXX ±.010 .XX ±.020	← - ±0.30°
XXXX ±.25+ .XX ±.31	← - ±0.30°
ANGLE PROJECTION	

QTY	CODE	IDENT	MFG. P/N	DESCRIPTION	ITEM NO.
		X		PARTS LIST	
	AUTOCAD				
	SOLIDWORKS				
	SIGN	DATE			
	DRAWN	5/19/04			
	CHKD	5/19/04			
	ENGR	5/19/04			
	APPR	5/19/04			
	SCALE	2=1			
	SIZE	DWG. NO.			
		72-107			
	REV	A			
	SHEET	1			
	OF	1			

PARTS LIST

CWS Coil Winding Specialist
1510 E. Edinger Ave.
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Current Sense Transformer