

**CONSTRUCTION:**

- 1.1 Transformers to be made in accordance with MIL-PRF-27E TF5V03YY.
- 1.2 All material used in this construction must be greater than 180 C
- 1.3 Terminal to withstand Pull test of MIL-PRF-27

**ELECTRICAL:**

- 2.1 IR 500VDC, 10,000Mohms min.
- 2.2 DCR = (1-2) = 2.6 Ohms max (3-5)=.60 Ohms Max
- 2.3 I-EXCITE 118 VAC 50Hz (1-2)= .550A Max
- 2.4 VIN 50-400HZ 109-118VAC, VOUT = 34 - 48 VDC at 1 to 6ADC  
ALL CONDITIONS IN INPUT FROM AIRCRAFT

2.5 HIPOT = 600VAC

**ENVIRONMENTAL:**

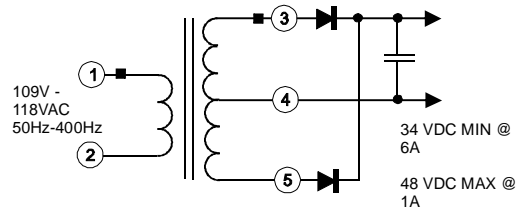
- 3.1 Must survive Vibration MIL-STD-202 MD 204G and Shock MIL-STD-202 MD213C

**MECHANICAL:**

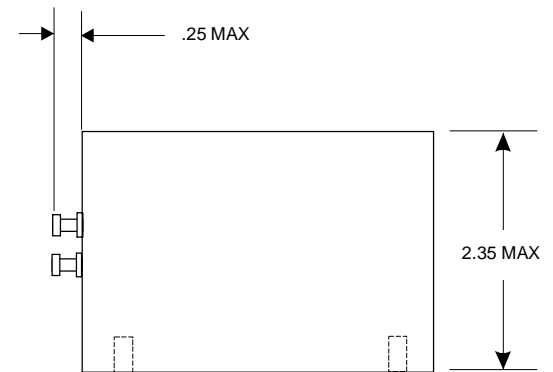
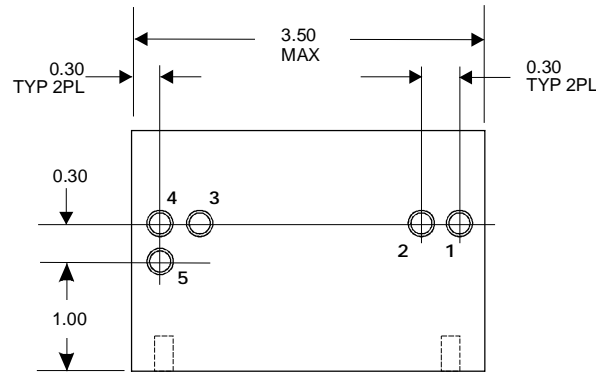
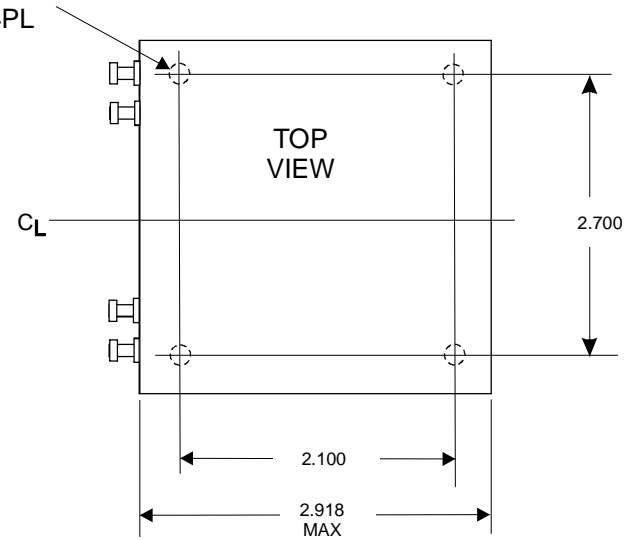
- 4.1 Mark Lead numbers on lead or part body
- 4.2 Mark: RAYCO ELECTRONICS 04620/5T54438 DATE CODE on body of part in accordance with MIL-STD-130. Number marking can be on side of unit

**APPROVED SOURCE OF SUPPLY**

- 5.1 Rayco Electronics Mfg Inc  
Cage Code (04620)  
1220 W. 130th St, Gardena CA 90247



8-32 - .25 MIN 4PL



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	NEXT ASSY	DATE	<b>RAYCO ELECTRONICS</b>			
		7/1/02	GARDENA CA 90247			
	<b>TOLERANCES</b> UNLESS OTHERWISE SPECIFIED ARE IN INCHES AND AS BELOW	DWN	MMP			
		APP	MPP	CAGE	P/N	REV
DECIMAL			<b>04620</b>	<b>5T4438</b>		
.X	.XX	.XXX				
±0.1	±0.03	±0.010	SCALE	UNIT WEIGHT	SH 1 OF 1	
ANGLE = ± 5°						

