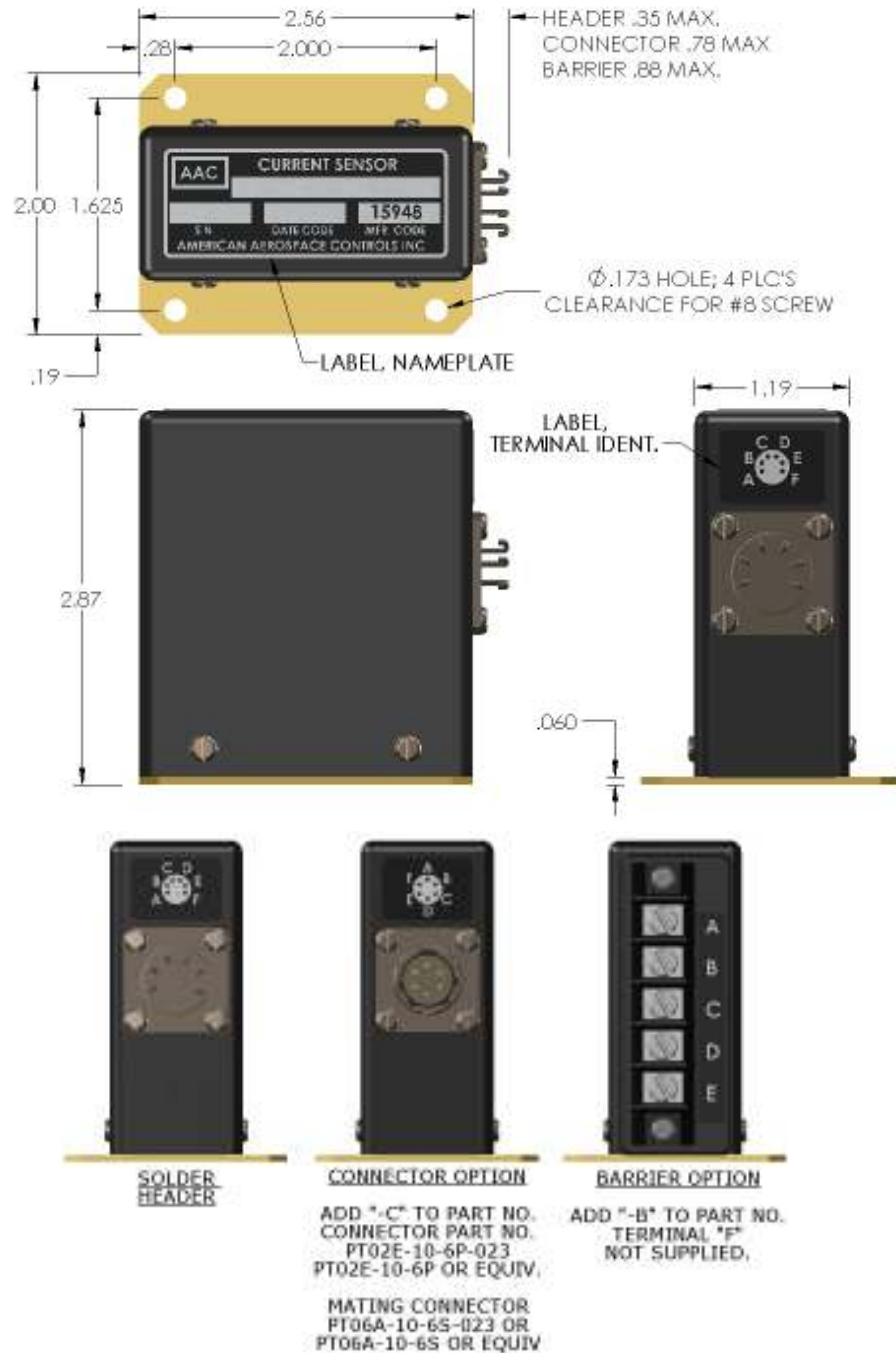


Dimensions in Inches, Tolerances: .XX ± .03 .XXX ± .010

**DC CURRENT SENSOR  
SERIES 904B**



<u>PART NO.</u>	<u>CURRENT RANGE</u>	<u>PART NO.</u>	<u>CURRENT RANGE</u>
904B-L01.....	0 TO 100uA	904B-L1.....	0 TO 1mA
904B-L02.....	0 TO 200uA	904B-L2.....	0 TO 2mA
904B-L05.....	0 TO 500uA	904B-L5.....	0 TO 5Ma

**INPUT**

CURRENT RANGES ..... See Table  
 INPUT RESISTANCE ..... 10 Ohms max.  
 ISOLATION (Input to Output) ..... 500Vdc max.

**OUTPUT**

VOLTAGE SIGNAL ..... 0 to +5.0Vdc FS (Full Scale)  
 ACCURACY ..... ±1% FS  
 RIPPLE ..... 2% FS RMS  
 IMPEDANCE ..... 1000 Ohms ±5%  
 RESPONSE (10 to 90%) ..... 50 m-sec. max.  
 TEMPERATURE COEFFICIENT ..... ±0.04% FS/°C

**POWER SUPPLY**

SUPPLY VOLTAGE ..... +28Vdc ±4Vdc  
 CURRENT DRAIN ..... 50mAdc max.

**ENVIRONMENTAL AND PHYSICAL CHARACTERISTICS**

OPERATING TEMPERATURE RANGE ..... -55°C to +85°C  
 STORAGE TEMPERATURE RANGE ..... -60°C to +100°C  
 INSULATION RESISTANCE ..... 100 M-ohms (all terminals to case)  
 DIELECTRIC STRENGTH ..... 350V RMS (all terminals to case)  
 ALTITUDE ..... Operating sea level to 60,000 ft.  
 VIBRATION ..... Operating - 0.06 in. D.A., 10 to 55 Hz method 201 of MIL-STD-202  
 SHOCK ..... Operating 50 g, 11 m-sec half sine pulse method 213 Condition A of MIL-STD-202  
 MOISTURE RESISTANCE ..... Will meet method 106 of MIL-STD-202 and method 507.1 Proc. 1 of MIL-STD-810  
 OPERATING HUMIDITY ..... 0% to 95% RH  
 ATTITUDE ..... Meets spec. for any mounting position  
 WEIGHT ..... 1.25 lbs. Max.

**TERMINAL IDENTIFICATION**

- A. SUPPLY VOLTAGE (+)
- B. SUPPLY AND OUTPUT (RTN)
- C. OUTPUT SIGNAL (+)
- D. CURRENT INPUT (+)
- E. CURRENT (RTN)
- F. CASE GROUND

<b>AAC</b>	<b>Drawing Number 700-904B</b>	<b>Rev. H</b>
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