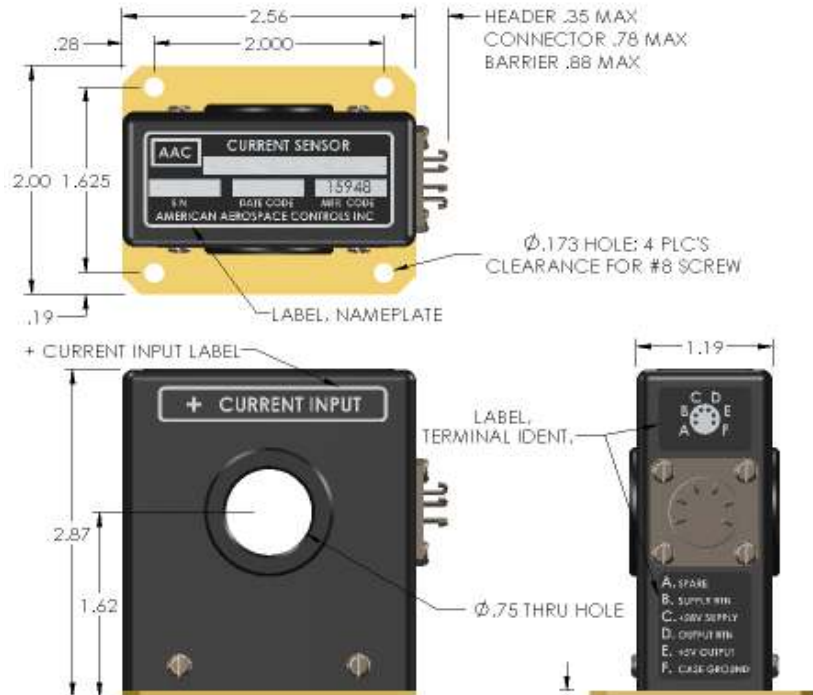


Dimensions in Inches, Tolerances: .XX ± .03 .XXX ± .010

**DC CURRENT SENSOR
SERIES 913B**



PART NO.	INPUT CURRENT RANGE	PART NO.	INPUT CURRENT RANGE
913B-10	0 TO 10A	913B-35	0 TO 35A
913B-15	0 TO 15A	913B-40	0 TO 40A
913B-20	0 TO 20A	913B-50	0 TO 50A
913B-25	0 TO 25A	913B-75	0 TO 75A
913B-30	0 TO 30A	913B-100	0 TO 100A

INPUT CURRENT
 RANGE See Table
 OVER CURRENT (UNLIMITED)..... Nondestructive/nonlatching Saturated Output

OUTPUT
 VOLTAGE SIGNAL 0 to +5Vdc FS (Full Scale)
 ACCURACY ±1% FS
 RESPONSE (10 TO 90%) 1 m-sec. max.
 IMPEDANCE 100Ω max. for 10A to 50A ranges
 275Ω for 75A to 100A ranges
 RIPPLE 10mV RMS max.
 TEMPERATURE COEFFICIENT ±0.02% FS/°C max.
 OUTPUT PROTECTION Terminals D & E will withstand ±32Vdc or short circuit

POWER SUPPLY
 SUPPLY VOLTAGE 28Vdc ±4Vdc
 CURRENT DRAIN 75mA max.
 REVERSE POLARITY PROTECTION..... 10μA max. Current drain without damage

ENVIRONMENTAL AND PHYSICAL CHARACTERISTICS
 OPERATING TEMPERATURE RANGE -55°C to +85°C
 STORAGE TEMPERATURE RANGE..... -55°C to +100°C
 DIELECTRIC STRENGTH..... 350V RMS MIL-STD-202 Method 301
 INSULATION RESISTANCE 200 M-ohms min. MIL-STD-202 Method 302
 Test Condition A
 ALTITUDE Operating sea level to 100,000 ft., MIL-STD-202,
 Method 105, Condition D
 VIBRATION Operating 0.06 in. D.A., 10Hz to 55 Hz
 MIL-STD-202 Method 201
 SHOCK Operating 50 g, 11 m-sec MIL-STD-202 Method
 213, Condition A
 MOISTURE RESISTANCE MIL-STD-202 Method 106
 OPERATING HUMIDITY 0% to 95% RH
 ATTITUDE..... Meets spec. for any mounting position
 WEIGHT 12 oz. max.



SOLDER HEADER
CONNECTOR OPTION
 ADD "-C" TO PART NO.
 CONNECTOR PART NO.
 PT02E-10-6P-023
 PT02E-10-6P OR EQUIV.
 MATING CONNECTOR
 PT06A-10-6S-023 OR
 PT06A-10-6S OR EQUIV.

BARRIER OPTION
 ADD "-B" TO PART NO.
 TERMINAL "F"
 NOT SUPPLIED.

TERMINAL IDENTIFICATION

- A. SPARE
- B. SPARE
- C. +28Vdc
- D. D.C. COMMON
- E. 0 TO +5V OUTPUT
- F. CASE GROUND

AAC	Drawing Number	Rev.
	700-913B	L