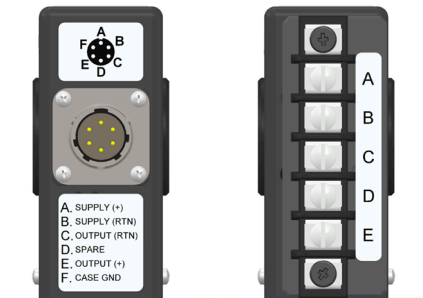
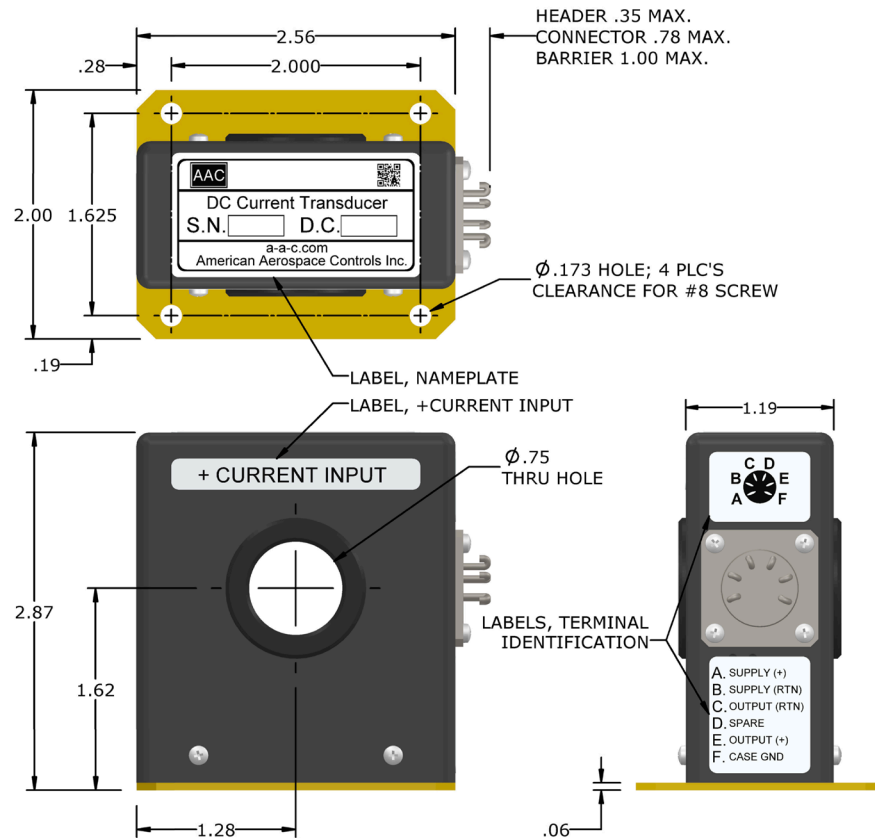


Dimensions in Inches, Tolerances: .XX ± .03 .XXX ± .010



CONNECTOR OPTION
 ADD "-C" TO PART NO.
 CONNECTOR PART NO.
 PT02E-10-6P-023
 PT02E-10-6P OR EQUIV.

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

MATING CONNECTOR
 PT06A-10-6S-023 OR
 PT06A-10-6S OR EQUIV

TERMINAL IDENTIFICATION

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

ORDERING INFORMATION

952 - 100 - C

SERIES CURRENT RANGE TERMINATION

Blank: Header
 B: Barrier
 C: Connector

**DC CURRENT TRANSDUCER
 SERIES 952**

AAC PART NUMBER	INPUT CURRENT RANGE	OUTPUT ACCURACY (SEE NOTE 1)			OUTPUT IMPEDANCE OHMS	SUPPLY CURRENT DRAIN
		@25°C	0 to 70°C	-55to85°C		
952-50	0 to 50Adc	±0.5%	±0.8%	±1.5%	100	40mA
952-60	0 to 60Adc	±0.5%	±0.8%	±1.5%	100	40mA
952-100	0 to 100Adc	±0.5%	±0.6%	±1.0%	100	40mA
952-150	0 to 150Adc	±0.5%	±0.6%	±1.0%	70	60mA
952-200	0 to 200Adc	±0.5%	±0.6%	±0.8%	50	65mA
952-250	0 to 250Adc	±0.5%	±0.6%	±0.8%	40	80mA
952-300	0 to 300Adc	±0.4%	±0.5%	±0.8%	33	100mA
952-400	0 to 400Adc	±0.3%	±0.4%	±0.6%	50	75mA
952-500	0 to 500Adc	±0.3%	±0.4%	±0.6%	40	100mA
952-600	0 to 600Adc	±0.3%	±0.4%	±0.6%	33	140mA
952-750	0 to 750Adc	±0.3%	±0.4%	±0.6%	26	185mA

INPUT CURRENT

RANGE See Table
 CURRENT OVERLOAD 5000 Adc Continuous (Nonlatching/Saturated Output)

OUTPUT

VOLTAGE SIGNAL 0 to +5 Vdc FS (Full Scale)
 ACCURACY % FS See Table & Note 1
 LINEARITY ±0.1% FS
 DI/DT ACCURATELY FOLLOWED 100 A/u-sec.
 BANDWIDTH DC TO 100KHZ
 RESPONSE TIME <1 u-sec.
 OUTPUT IMPEDANCE See Table

POWER SUPPLY

SUPPLY VOLTAGE 28Vdc ±4Vdc
 CURRENT DRAIN See Table
 REVERSE POLARITY PROTECTION... 10uA Current Drain Without Damage

ENVIRONMENTAL AND PHYSICAL CHARACTERISTICS

OPERATING TEMPERATURE -55 to +85°C
 STORAGE TEMPERATURE -55 to +85°C
 OPERATING HUMIDITY 0% to 95% RH
 MOISTURE RESISTANCE Method 507.4 of MIL-STD-810F
 ALTITUDE Operating sea level to 60,000 ft. Non-operating - sea level to 120,000 ft. (Method 105, Condition A of MIL-STD-202)

SHOCK Non-Operating - 50g, 11 m-sec half sine pulse (Method 213 Condition A of MIL-STD-202)

RANDOM VIBRATION Operating MIL-STD-810F, Proc.1, Cat 12, WO= 0.095G²/Hz, Duration 1 hr., Figure 514.5C-8, Overall level 12.0 G-RMS

DIELECTRIC STRENGTH 350V RMS Terminals 1-5 to 6 & Case
 INSULATION RESISTANCE 100 M-Ohms Min.
 ATTITUDE Unit will perform as specified when mounted in any position
 FINISH (color black) Polyester powder coat, Base plate is conductive
 WEIGHT 14 oz. max.

NOTE: Specified accuracy includes the combined worst case effects of Zero Offset, Hysteresis, Supply Swings and Current Cable Positioning

AAC	Drawing Number	Rev.
	952	R