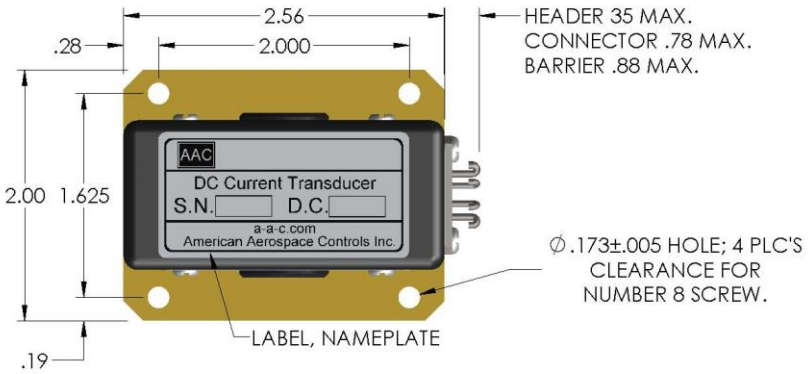
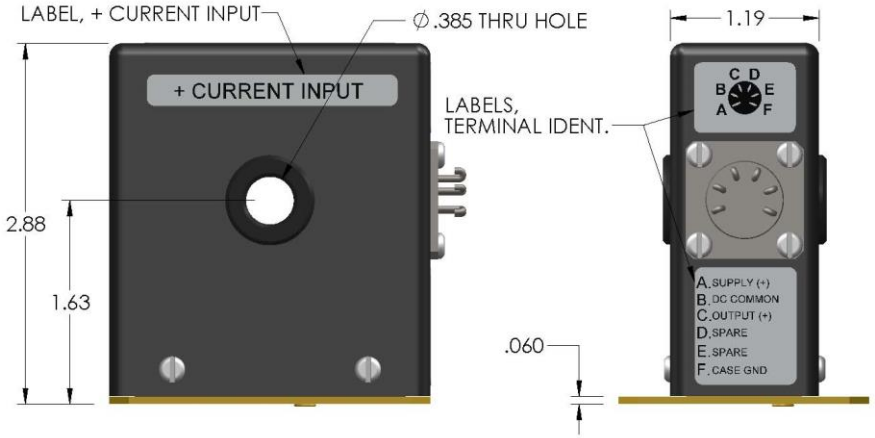
Dimensions in Inches, Tolerances: .XX ± .03 .XXX ± .010





SOLDER HEADER

CONNECTOR OPTION

ADD "-C" TO PART NO.
CONNECTOR PART NO.
PT023-10-6P-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.

DC CURRENT TRANSDUCER
SERIES 903B

PART NO.	INPUT CURRENT RANGE	PART NO.	INPUT CURRENT RANGE
903B-5	0-5mA	903B-250	0-250mA
903B-10	0-10mA	903B-500	0-500mA
903B-20	0-20mA	903B-1A	0-1A
903B-50	0-50mA	903B-1.5A	0-1.5A
903B-100	0-100mA	903B-2A	0-2A
903B-200	0-200mA	903B-5A	0-5A

OUTPUT

VOLTAGE SIGNAL	0 to +5Vdc FS (Full Scale)
ACCURACY	±1% FS (±50mV)
RIPPLE	0.2% FS RMS max.
IMPEDANCE	50 Ohms ±5%
RESPONSE	50 m-sec. max. (10 to 90%)
TEMPERATURE COEFFICIENT	±.04% FS/°C max.

POWER SUPPLY

SUPPLY VOLTAGE	18 TO 32Vdc
CURRENT DRAIN	35 mAdc max.
REVERSE POLARITY PROTECTION	10μA current drain without damage

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
RIPPLE	40mV reflected onto pass-thru line
WEIGHT	1.25 lbs. max.

TERMINAL IDENTIFICATION

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

AAC	Drawing Number	Rev.
	903B	T