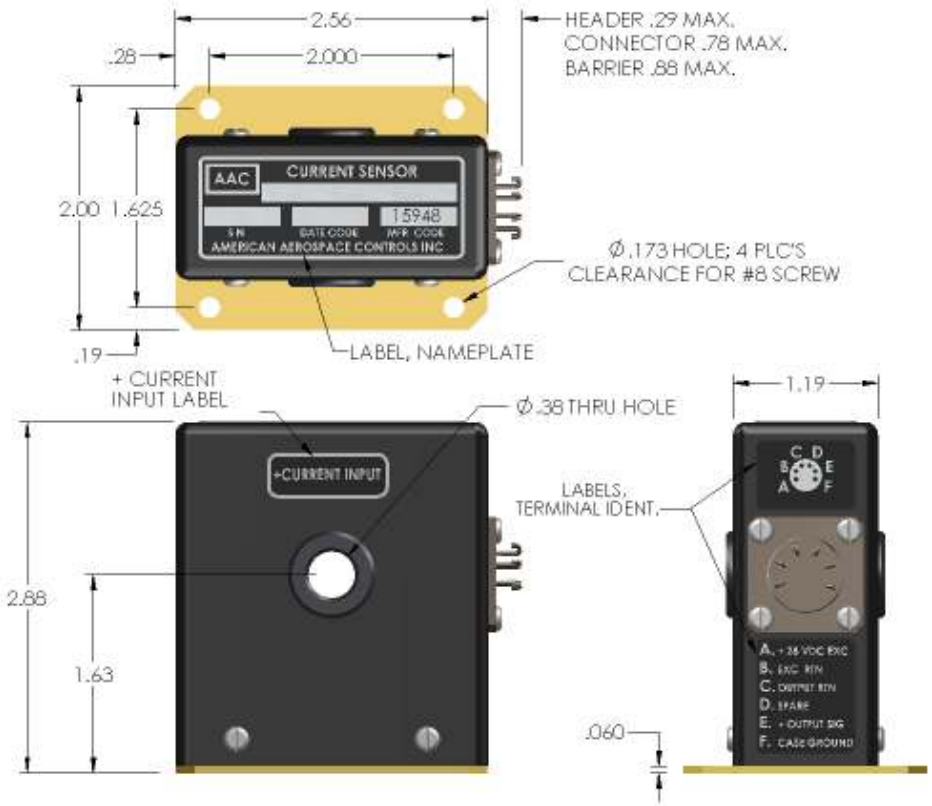
Dimensions in Inches, Tolerances: .XX ± .03 .XXX ± .010

BIDIRECTIONAL CURRENT SENSOR
SERIES 926



MODEL NUMBER	INPUT CURRENT
926-5	0 TO ±5
926-10	0 TO ±10
926-15	0 TO ±15
926-20	0 TO ±20
926-25	0 TO ±25

INPUT

CURRENT RANGE	Adc See Table
CURRENT OVERLOAD	±100Adc Nondestructive/Nonlatching/ Saturated Output

OUTPUT

VOLTAGE SIGNAL	0 to ±5Vdc FS (Full Scale)
ACCURACY	±0.25% FS (±12.5mV)
OUTPUT IMPEDANCE	100 Ohms max.
OUTPUT RIPPLE	0.2% FS RMS max.
RESPONSE (10 TO 90%)	15 m-sec max.
TEMPERATURE COEFFICIENT	±0.006% FS/°C max.
OUTPUT PROTECTION	Short CKT continuously no damage
OUTPUT ISOLATION	Output/Supply & Case all isolated

POWER SUPPLY

SUPPLY VOLTAGE	28Vdc ±4Vdc
CURRENT DRAIN	85mAdc max.
OVER VOLTAGE PROTECTION	±35Vdc without damage
REVERSE POLARITY PROTECTION	10μA max. current drain without damage

ENVIRONMENTAL AND PHYSICAL CHARACTERISTICS

OPERATING TEMPERATURE	-55° to +85°C
STORAGE TEMPERATURE	-55° to +100°C
OPERATING HUMIDITY	0% to 95% RH
MOISTURE RESISTANCE	Will meet Method 106 of MIL-STD-202
ALTITUDE	Operating sea level to 60,000 ft.
SHOCK	Operating - 50g, 11m-sec half sine pulse (Method 213, Condition A of MIL-STD-202)
VIBRATION	Operating - 0.06 inch D.A., 10 to 55Hz (Method 201 of MIL-STD-202)
DIELECTRIC STRENGTH	350V RMS (Method 301 of MIL-STD-202)
INSULATION RESISTANCE	100-M-Ohms min. @ 500Vdc
ATTITUDE	Unit will perform as specified when mounted in any position.
WEIGHT	1.25 lbs. Max.

SOLDER HEADER

CONNECTOR OPTION
ADD "C" TO PART NO.
CONNECTOR P/N
PT02E-10-6P-023
OR EQUIV.
MATING CONNECTOR
PT06A-10-6S-424

BARRIER OPTION
ADD "B" TO PART NO.
BARRIER DETAILS

TERMINAL IDENTIFICATION

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

AAC	Drawing Number	Rev.
	700-926	E

Code Ident. No. 15948 **AAC** American Aerospace Controls Inc., 570 Smith Street, Farmingdale, New York 11735 Tel:(631) 694-5100 Fax:(631) 694-6739