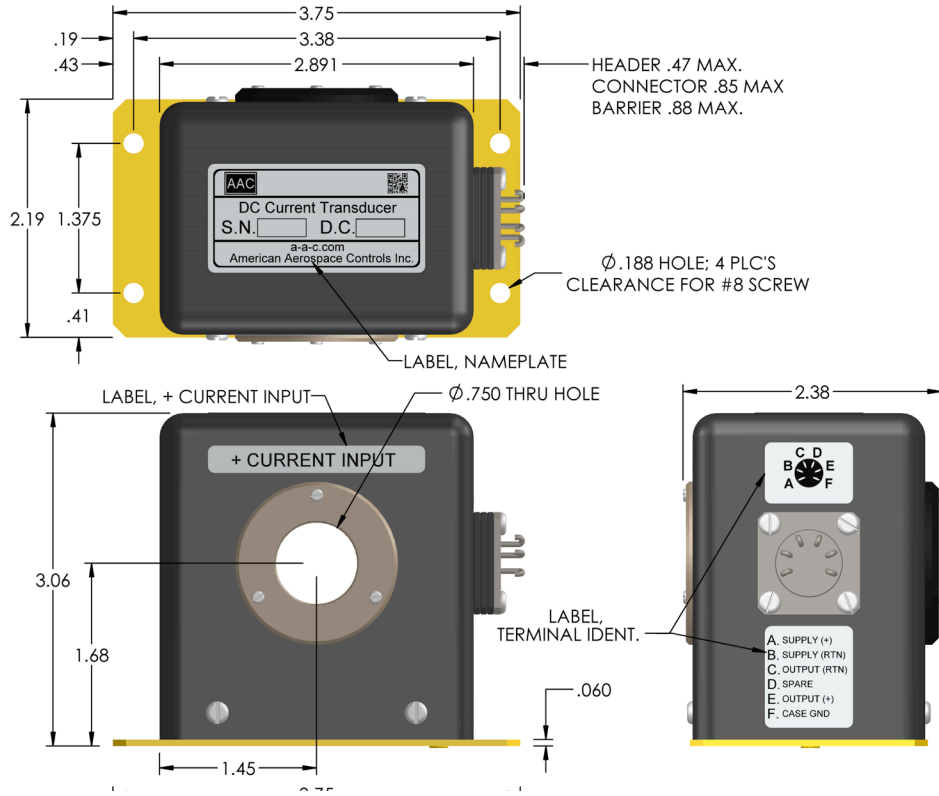


Dimensions in Inches, Tolerances: .XX ± .03 .XXX ± .010

## DC CURRENT TRANSDUCER SERIES 936



PART NUMBER	INPUT CURRENT
936-10	0 TO 10mA
936-20	0 TO 20mA
936-50	0 TO 50mA
936-100	0 TO 100mA
936-200	0 TO 200mA

PART NUMBER	INPUT CURRENT
936-250	0 TO 250mA
936-500	0 TO 500mA
936-1A	0 TO 1A
936-2A	0 TO 2A
936-5A	0 TO 5A

### INPUT

CURRENT RANGE (Adc)	See Table
TRANSIENT PROTECTION	
VOLTAGE OF THRU CABLE	35KV (with insulated cable)
VOLTAGE TRANSIENT	500 Volts/u-sec
CURRENT TRANSIENT	500 Amps/u-sec
REFLECTED RIPPLE (THRU CABLE)	40mV

### OUTPUT

VOLTAGE SIGNAL	0 to +5Vdc FS (Full Scale)
ACCURACY	±1.0% FS (±50mV)
RESPONSE (10 TO 90%)	100 m-sec. max.
RIPPLE	10 mV RMS max.
TEMPERATURE COEFFICIENT	± 0.1% FS/°C max.
OUTPUT IMPEDANCE (±5%)	50 Ohms typ

### POWER SUPPLY

SUPPLY VOLTAGE	28Vdc ±4Vdc
CURRENT DRAIN	25mA dc max.

### ENVIRONMENTAL AND PHYSICAL CHARACTERISTICS

OPERATING TEMPERATURE RANGE	-55°C to +85°C
STORAGE TEMPERATURE RANGE	-55°C to +85°C
INSULATION RESISTANCE	100 K-Ohms
WEIGHT	28 oz. max.

**NOTE 1:** BASEPLATE (CASE GROUND) MUST BE CONNECTED TO CHASSIS OR CKT GROUND FOR SPECIFIED TRANSIENT PROTECTION.

### NOTE 2:

MOLDED TERMINAL BARRIER WITH 6-32 TERMINAL SCREWS 3/8 IN. CENTER TO CENTER SPACING. ACCEPTS WIRE SIZES UP TO 14 AWG AND WIRE LUGS UP TO 9/32 IN. WIDE.



SOLDER  
HEADER

CONNECTOR  
ADD "C" TO  
PART NUMBER

BARRIER OPTION  
ADD "B" TO  
PART NUMBER  
TERMINAL "F"  
NOT SUPPLIED

CONNECTOR PART NO.  
PT02E-10-6P-023 OR EQUIV.  
MATING CONNECTOR PART NO.  
PT06A-10-6S-424 OR EQUIV.

### TERMINAL IDENTIFICATION

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

<b>AAC</b>	Drawing Number <b>700-936</b>	Rev. <b>N</b>
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