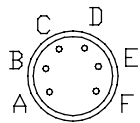
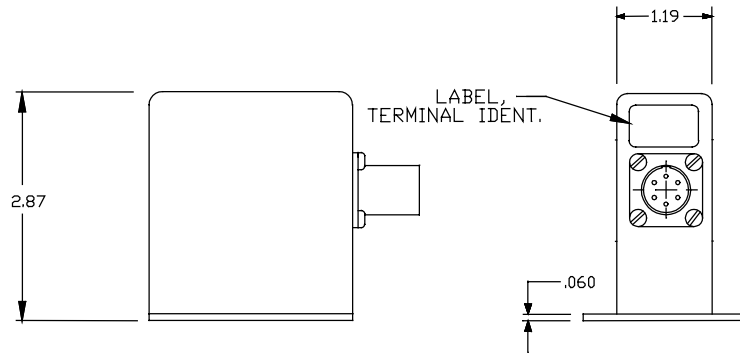
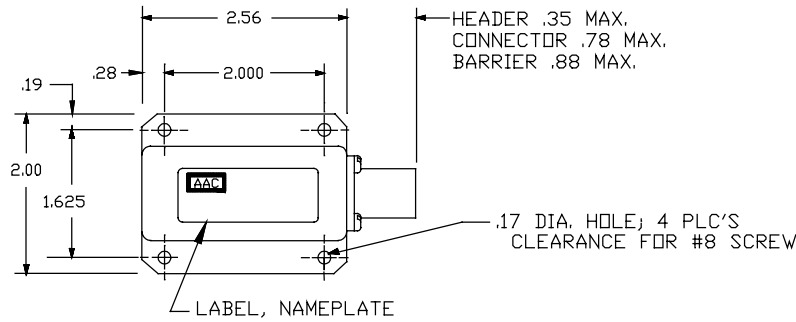
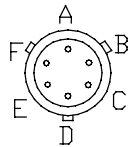


Dimensions in Inches, Tolerances: .XX ± .03 .XXX ± .010

**DC CURRENT SENSOR
SERIES 904B**

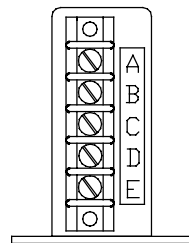


SOLDER
HEADER



CONNECTOR
OPTION

ADD "-C" TO
PART NO.
CONNECTOR P/N
MS3112E-10-6P OR EQUIV.
MATING CONNECTOR
MS3116F-10-6S



BARRIER OPTION

ADD "-B" TO
PART NO.
BARRIER DETAILS
SEE DWG. 700-703

<u>PART NO.</u>	<u>CURRENT RANGE</u>	<u>PART NO.</u>	<u>CURRENT RANGE</u>
904B-L01	0 TO 100uA	904B-L1	0 TO 1mA
904B-L02	0 TO 200uA	904B-L2	0 TO 2mA
904B-L05	0 TO 500uA	904B-L5	0 TO 5Ma

INPUT

CURRENT RANGES See Table
INPUT RESISTANCE 10 Ohms max.
ISOLATION (Input to Output) 500Vdc max.

OUTPUT

VOLTAGE SIGNAL 0 to +5.0Vdc FS (Full Scale)
ACCURACY ±1% FS
RIPPLE 2% FS RMS
IMPEDANCE 1000 Ohms ±5%
RESPONSE (10 to 90%) 50 m-sec. max.
TEMPERATURE COEFFICIENT ±0.04% FS/°C

POWER SUPPLY

SUPPLY VOLTAGE +28Vdc ±4Vdc
CURRENT DRAIN 50mAdc max.

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
WEIGHT 1.25 lbs. Max.

TERMINAL IDENTIFICATION

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

AAC	Drawing Number 700-904B	Rev. G
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