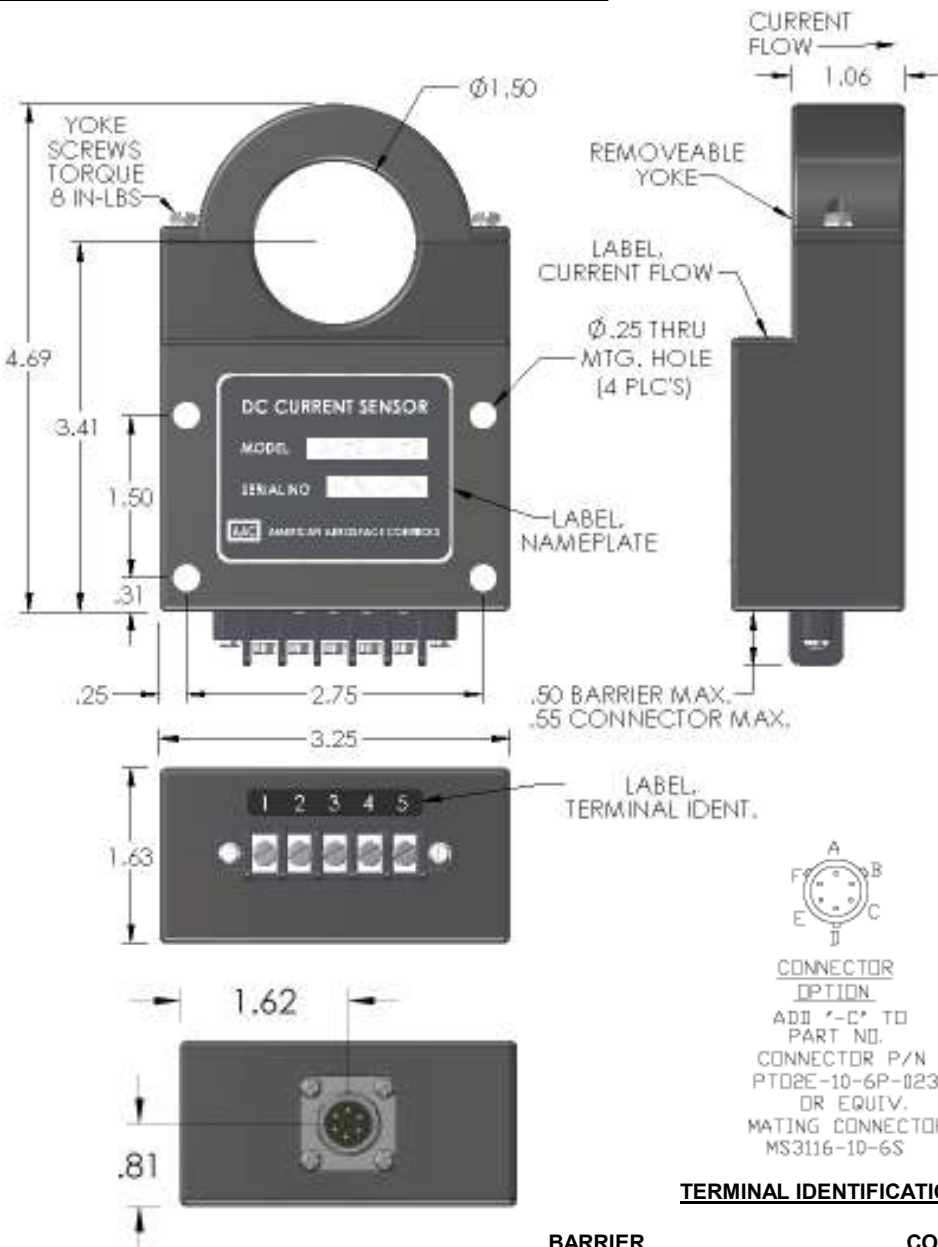


Dimensions in Inches, Tolerances: .XX ± .03 .XXX ± .010

**DC CURRENT TRANSDUCER
S465
SPLIT YOKE**



<u>PART NO.</u>	<u>INPUT RANGE</u>	<u>PART NO.</u>	<u>INPUT RANGE</u>
S465-150.....	0 to 150Adc	S465-1000.....	0 to 1000Adc
S465-250.....	0 to 250Adc	S465-1500.....	0 to 1500Adc
S465-500.....	0 to 500Adc	S465-2000.....	0 to 2000Adc
S465-750.....	0 to 750Adc	S465-2500.....	0 to 2500Adc

INPUT
 RANGE Adc See Table
 OVERLOAD CONTINUOUS..... Unlimited (Nondestructive Nonlatching/ Saturated Output)

OUTPUT
 CURRENT SIGNAL..... 4 to 20mA FS (Full Scale)
 ACCURACY ± 1% FS or ±0.2mA max.
 TEMPERATURE COEFFICIENT..... ± 0.033% FS / °C max.
 RESPONSE (10 to 90%)..... 200µs max.
 LOAD RESISTANCE 250 Ohms Nominal
 LOAD RESISTANCE RANGE 0 to 300 Ohms
 CURRENT SIGNAL @ OVERLOAD..... 24mA TYP.

POWER SUPPLY (PS)
 SUPPLY VOLTAGE 16 to 26Vdc
 CURRENT DRAIN..... 24mA
 PROTECTION..... Reverse Polarity Protected

ENVIRONMENTAL AND PHYSICAL CHARACTERISTICS
 OPERATING TEMPERATURE RANGE -40° to +85°C
 STORAGE TEMPERATURE RANGE ... -45° to +85°C
 ISOLATION Input/Output/Case
 INSULATION RESISTANCE 200 M-Ohms @ 500Vdc
 INPUT CONDUCTOR VOLTAGE..... 1.5KV max. (5KV max. with insulated cable)
 CASE Molded Plastic (GE Lexan) Meets UL Flammability Rating 94
 WEIGHT 18 oz. Max.

NOTE: HOUSING AND POT HOLES SEALED MAKING TRANSDUCER WATER SPRAY RESISTANT. END USER MUST COAT TERMINAL BLOCK WITH SILICONE TO PREVENT CORROSION.

NOTE:
 1. NORMALLY SUPPLIED WITH 5 PIN TERMINAL BARRIER STRIP. MOLDED TERMINAL BLOCK WITH 6-32 TERMINAL SCREWS, .325 IN. CENTER TO CENTER SPACING. ACCEPTS WIRE SIZES UP TO 16AWG AND WIRE LUGS TO .250 IN. WIDE. AVAILABLE WITH 6 PIN OPTIONAL CONNECTOR MS3112E-10-6P OR EQUIVALENT. ADD LETTER C AFTER PART NUMBER FOR CONNECTOR OPTION.

TERMINAL IDENTIFICATION

<u>BARRIER</u>		<u>CONNECTOR</u>
1	OUTPUT (+)	A
2	OUTPUT (RTN)	B
3	SUPPLY VOLTAGE (+)	C
4	SUPPLY VOLTAGE (RTN)	D
5	SPARE	E
	SPARE	F

AAC	Drawing Number 700-S465-909	Rev. K
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