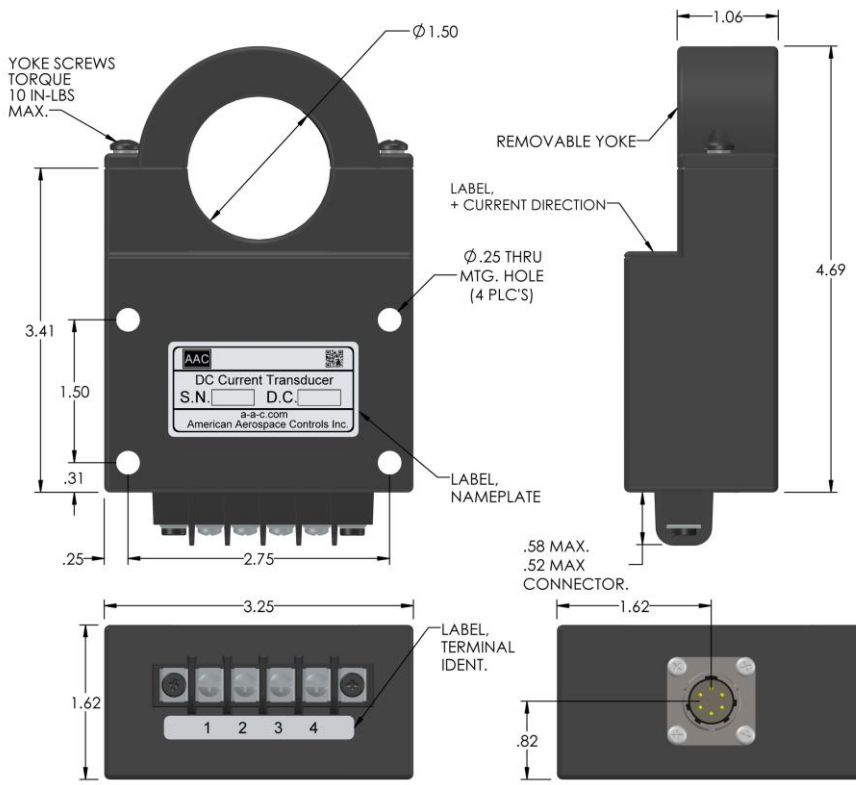


Dimensions in Inches, Tolerances: .XX ± .03 .XXX ± .010



**DC CURRENT TRANSDUCER
SERIES S347
REMOVABLE YOKE TYPE**

<u>PART NO.</u>	<u>INPUT CURRENT</u>	<u>PART NO.</u>	<u>INPUT CURRENT</u>
S347-100.....	0 TO 100A	S347-500.....	0 TO 500A
S347-150.....	0 TO 150A	S347-750.....	0 TO 750A
S347-200.....	0 TO 200A	S347-1000.....	0 TO 1000A
S347-225.....	0 TO 225A	S347-1500.....	0 TO 1500A
S347-250.....	0 TO 250A	S347-2000.....	0 TO 2000A
S347-300.....	0 TO 300A	S347-2500.....	0 TO 2500A

INPUT

CURRENT RANGE 0 to Full Scale (FS) See Table
CURRENT OVERLOAD 100 times FS

OUTPUT

VOLTAGE SIGNAL 0 to +5Vdc or 0 to +10Vdc see Ordering Information
ACCURACY ±1% FS (±50mV)
RESPONSE 200 µ-sec. max.
TEMPERATURE COEFFICIENT ± .05% FS/°C
OUTPUT IMPEDANCE 100 Ohms max.

SUPPLY

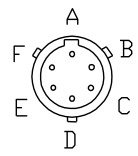
SUPPLY VOLTAGE 28Vdc ±4Vdc
SUPPLY BURDEN 100mA max.
PROTECTION Reverse Polarity Protection

ENVIRONMENTAL AND PHYSICAL CHARACTERISTICS

OPERATING TEMPERATURE RANGE -25°C to +75°C
STORAGE TEMPERATURE RANGE -55°C to +85°C
ISOLATION Input/Output/Case (Supply & Output common)
CASE MATERIAL Molded Plastic (GE Lexan) Meets UL Flammability
..... Rating 94-V0
WEIGHT 18 oz. Max.

CONNECTOR OPTION

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



TERMINAL IDENTIFICATION

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

ORDERING INFORMATION

S347	-	1000	-	C	-	10
SERIES		CURRENT RANGE		TERMINATION		OUTPUT SIGNAL
				Blank: Terminal Barrier C: Connector		Blank: Standard 0 to +5Vdc 10: Optional 0 to +10Vdc

MOLDED TERMINAL BARRIER WITH 6-32 TERMINAL SCREWS AND .375 CENTER DISTANCES.
TERMINALS ACCEPT WIRE SIZE UP TO #16 AWG WITH LUGS TO .281 IN. WIDE.

AAC	Drawing Number S347-909	Rev. J
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