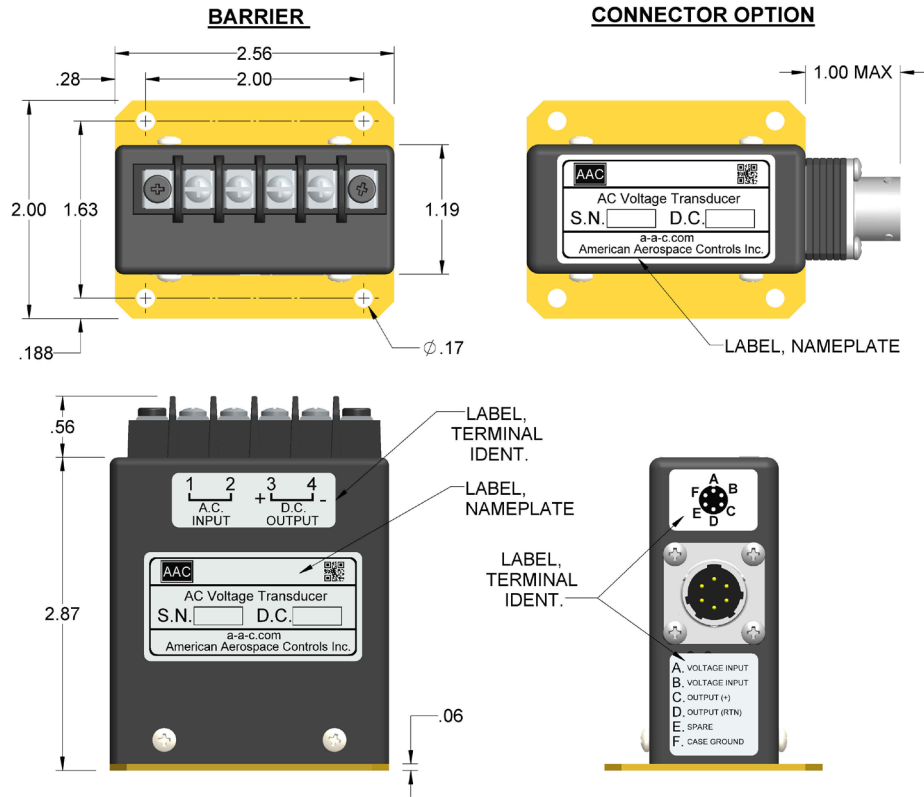


Dimensions in Inches, Tolerances: .XX ± .03 .XXX ± .010

AC VOLTAGE TRANSDUCER SERIES 108



PART NUMBER	INPUT VOLTAGE RANGE Vac	CONTINUOUS OVERLOAD Vac
108-50	0 to 50	100
108-130	0 to 130	180
108-150	0 to 150	200
108-270	0 to 270	380
108-300	0 to 300	410
108-500	0 to 500	700
108-600	0 to 600	800

INPUT

VOLTAGE RANGE	See Table
FREQUENCY	60Hz (Optional Model Available) *
FREQUENCY RANGE	57 to 63Hz
BURDEN	3mA max.
OVERLOAD Vac	See Table

OUTPUT

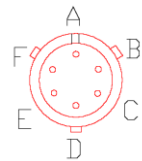
VOLTAGE SIGNAL	0 to +5Vdc FS (Full Scale) 4 to 20mA Output Models Available
ACCURACY	±0.5% FS (±25mV)
RESPONSE (0 to 90%)	300 m-sec max.
RIPPLE	25mV RMS max.
TEMPERATURE COEFFICIENT	±0.02% FS/°C max.
REPEATABILITY	± 0.1% FS
OUTPUT IMPEDANCE	5000 Ohms max.

POWER SUPPLY

SUPPLY VOLTAGE	Self excited
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ENVIRONMENTAL AND PHYSICAL CHARACTERISTICS

OPERATING TEMPERATURE RANGE	- 40° C to +85° C
STORAGE TEMPERATURE RANGE	- 55° C to +85° C
INSULATION RESISTANCE	200 M-Ohms (all terminals to case)
MOISTURE RESISTANCE	Will meet Method 106 of MIL-STD -202 & Method 507.1, Proc.1 of MIL-STD-810.
DIELECTRIC STRENGTH	1000V RMS
WEIGHT	14 oz. max.



CONNECTOR OPTION

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

TERMINAL IDENTIFICATION

BARRIER		CONNECTOR
1	AC VOLTAGE INPUT	A
2	AC VOLTAGE INPUT	B
3	OUTPUT (+)	C
4	OUTPUT (RTN)	D
	SPARE	E
	CASE GROUND	F

* Optional Models

ADD SUFFIX -50 TO MODEL NO. FOR 50Hz OPERATION.
ADD SUFFIX -400 TO MODEL NO. FOR 400Hz OPERATION.
ADD SUFFIX -4000 TO MODEL NO. FOR 4000Hz OPERATION.

TERMINAL SCREWS 5-40 3/8 CENTER TO CENTER
WIRE SIZES TO 14 AWG WIRE LUGS TO .281 WIDE.

AAC	Drawing Number 700-108	Rev. Y
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