



NOTES:

1. LEAK TEST: 80 PSI, NO BUBBLES 2 MINUTES MINIMUM. A GREEN PAINT DOT INDICATES THE PART HAS PASSED THE TEST.
2. ALCOHOL NEEDS TO BE USED TO LUBRICATE O-RINGS FOR LEAK TESTING AND PORT INSTALLATION.
3. 30 KVDC HYPOT TEST WITH 5 μ A MAXIMUM LEAKAGE WIRE TO LEAK TEST PORT.
4. CONTINUITY TEST PIN TO CONNECTOR <60m Ω .
5. ALL TESTS ARE PERFORMED AT ROOM TEMPERATURE.
6. ALL PARTS MUST PASS ALL TESTS.
7. WIRE IS NOT REQUIRED TO BEND SHARPLY AT EPOXY SEAL SURFACE.
8. NO COSMETIC SURFACE VOIDS ARE ACCEPTABLE ON O-RING SEALING SURFACES, COSMETIC SURFACE VOIDS SMALLER THAN ϕ 0.035 [0.89] ARE ACCEPTABLE ON ALL OTHER SURFACES.
9. REF-OPERATING TEMPERATURE -20°C TO 80°C.
10. REF-PARTS ARE DEFLASHED ON PARTING LINE +0.005 [0.13] MAXIMUM.
11. DIMENSIONS ARE INCHES [millimeters].
12. PAVE-SEAL CAN BE A BI-DIRECTIONAL HERMETIC SEAL FOR VACUUM AND MOST PRESSURES. FOR PRESSURES ABOVE 150 PSI (10 BAR), CHECK WITH SALES ENGINEERING.

7	2	SST-016-2025	TUBING HEAT SHRINK 1/4" TEFLON CLEAR
6	1	9924001	CON .050" MAX WIRE DIA MDC
5	1	RR 5100-75-HST	RETAINING RING EXTERNAL .750SS
4	1	-016 VITON	O-RING -016 VITON 75
3	1	ALDEN #B200PA48	BELDEN 9867 W/ALDEN B200-200
2	A/R	PAVE-Seal 150HV	EPOXY BLUE HIGH VOLTAGE
1	1	0130	HOUSING SPF12-E
ITEM	QTY	PART NUMBER	DESCRIPTION

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DESCRIPTION
SPF12-E-150HV-1-B200PA48-20T-28T

PART NUMBER
5001

MATERIAL NOTED

REVISION LEVEL
B

PROJECTION

ALL DIMENSIONS AND TOLERANCES APPLY TO FINISHED PART IN INCHES.
ALLOWABLE TOLERANCES UNLESS SPECIFIED OTHERWISE: NONE \pm 0.5
X.X DECIMAL \pm 0.1 X.XX DECIMAL \pm 0.02 X.XXX DECIMAL \pm 0.005
ANGLES \pm 1 DEGREE. SURFACE FINISH 128 microinch RMS