



NOTES:

1. LEAK TEST: 80 PSI, NO BUBBLES 4 MINUTES MINIMUM. A GREEN PAINT DOT ON THE PRESSURE SIDE INDICATES THE PART HAS PASSED THE TEST.
2. HYPOT 1000 VDC 500 MEGOHMS MINIMUM 0.01 SECOND MINIMUM WIRE TO WIRE.
3. ELECTRICAL TEST: 2500 VDC, <3.5 mA LEAKAGE ALL WIRES TOGETHER TO INSTALLATION PORT, WHILE INSTALLED, 1.0 SECOND MINIMUM.
4. ALL TESTS ARE PERFORMED AT ROOM TEMPERATURE.
5. ALL PARTS MUST PASS ALL TESTS.
6. WIRE POSITIONING IS APPROXIMATE & COLOR POSITIONS VARIABLE.
7. WIRES ARE NOT REQUIRED TO BEND SHARPLY AT EPOXY SEAL SURFACE.
8. COSMETIC SURFACE VOIDS NOT ON O-RING SEALING SURFACES ARE ACCEPTABLE BASED ON THE SEAL'S DIAMETER:
 <= .5 [12.7] SEAL DIAMETER: ϕ .035 [.89] MAX ALLOWED VOID SIZE
 > .5 [12.7] SEAL DIAMETER: ϕ .060 [1.5] MAX ALLOWED VOID SIZE
9. REF-OPERATING TEMPERATURE RANGE -40 °C TO 125 °C.
10. DIMENSIONS ARE INCHES [millimeters].
11. 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.

ITEM	QTY	PART NUMBER	DESCRIPTION
8	1	VS-106-SO2	RETAINING RING EXTERNAL 1.062SS
7	A/R	PARKER O-LUBE	LUBRICANT O-RING BARIUM-BASED
6	1	-022 VITON LT	O-RING -022 VITON LOW-TEMP 75
5	7	EE24 WHT 7STRD	WIRE 24EE MIL-W-16878/5 .014 7/#32
4	7	EE24 RED 7STRD	WIRE 24EE MIL-W-16878/5 .014 7/#32
3	7	EE24 GRN 7STRD	WIRE 24EE MIL-W-16878/5 .014 7/#32
2	7	EE24 BLK 7STR	WIRE 24EE MIL-W-16878/5 .014 7/#32
1	A/R	PAVE-Seal 150	EPOXY BLACK

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DESCRIPTION
 SPF18S-E-150-28-TEE24-51-51

PART NUMBER
5349

MATERIAL NOTED

REVISION LEVEL
 A

PROJECTION

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