



NOTES:

1. LEAK TEST: 80 PSI, NO BUBBLES 2.5 MINUTES MINIMUM. A GREEN PAINT DOT ON THE PRESSURE SIDE INDICATES THE PART HAS PASSED THE TEST.
2. HYPOT 630 VDC 500 MEGOHMS MINIMUM 0.01 SECOND MINIMUM WIRE TO WIRE.
3. ALL TESTS ARE PERFORMED AT ROOM TEMPERATURE.
4. ALL PARTS MUST PASS ALL TESTS.
5. WIRE POSITIONING IS APPROXIMATE & COLOR POSITIONS ARE VARIABLE.
6. WIRES CAN BEND 90° WITHIN NOTED DIMENSION EACH SIDE.
7. 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
8. DIMENSION IS OVER-ALL-LENGTH EXCLUDING OVERFILL ON PRESSURE SIDE OF HOUSING.
9. REF-OPERATING TEMPERATURE RANGE -20°C TO 125°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.

11	A/R	PARKER O-LUBE	LUBRICANT O-RING BARIUM-BASED
10	1	-016 VITON	O-RING -016 VITON 75
9	1	E20 YELLOW	WIRE 20E MIL-W-16878/4 .010 7/#28
8	1	E20 WHITE	WIRE 20E MIL-W-16878/4 .010 7/#28
7	1	E20 RED	WIRE 20E MIL-W-16878/4 .010 7/#28
6	1	E20 ORG	WIRE 20E MIL-W-16878/4 .010 7/#28
5	1	E20 GREEN	WIRE 20E MIL-W-16878/4 .010 7/#28
4	1	E20 BLUE	WIRE 20E MIL-W-16878/4 .010 7/#28
3	5	E20 BLACK	WIRE 20E MIL-W-16878/4 .010 7/#28
2	A/R	PAVE-Seal 150	EPOXY BLACK
1	1	0130	HOUSING SPF12-E
ITEM	QTY	PART NUMBER	DESCRIPTION

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DESCRIPTION SPF12-E-150-11-TE20-54-6	
PART NUMBER 2306	MATERIAL NOTED REVISION LEVEL A
PROJECTION ☉	

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