



- NOTES:
- LEAK TEST: 315 PSI, NO BUBBLES 1 MINUTE MINIMUM. PARTS TESTED WITHOUT SCREWS, A GREEN PAINT DOT INDICATES THE PART HAS PASSED THE TEST.
 - HYPOT 630 VDC 500 MEGOHMS MINIMUM 0.01 SECOND MINIMUM WIRE TO WIRE.
 - ALL TESTS ARE PERFORMED AT ROOM TEMPERATURE.
 - ALL PARTS MUST PASS ALL TESTS.
 - WIRE POSITIONING IS APPROXIMATE & COLOR POSITIONS ARE VARIABLE.
 - 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 0.060 [1.5] MAX ALLOWED VOID SIZE
 - DIMENSION IS OVER-ALL-LENGTH EXCLUDING OVERFILL ON PRESSURE SIDE OF HOUSING.
 - REF-OPERATING TEMPERATURE RANGE -40°C TO 125°C.
 - REF-PARTS ARE DEFLASHED ON PARTING LINE +0.005 [.13] MAXIMUM.
 - DIMENSIONS ARE INCHES[MILLIMETERS].
 - 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.

6	A/R	PARKER O-LUBE	LUBRICANT O-RING BARIUM BASED
5	2	-018 VITON LT	O-RING -018 VITON LOW-TEMP 75
4	1	GXL12 BLUE	WIRE 12GXL BARE COPPER 19/#25
3	1	GXL12 BLK	WIRE 12GXL BARE COPPER 19/#25
2	A/R	PAVE-Seal 150	EPOXY BLACK
1	1	3402	HOUSING SPF14 EPOXY
ITEM	QTY	PART NUMBER	DESCRIPTION

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DESCRIPTION
 SPF14-E-150-2-GXL12-39-16

PART NUMBER
5177

MATERIAL NOTED

REVISION LEVEL -

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