



NOTES:

1. LEAK TEST: 150 PSI, NO BUBBLES 100 SECONDS MINIMUM. A GREEN PAINT DOT ON THE PRESSURE SIDE INDICATES THE PART HAS PASSED THE TEST.
2. ELECTRICAL TEST: 1500 VAC, 2mA MAXIMUM LEAKAGE WIRE TO WIRE, 1 MINUTE MINIMUM.
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. 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
7. DIMENSION IS OVER-ALL-LENGTH EXCLUDING OVERFILL ON PRESSURE SIDE OF HOUSING.
8. REF-OPERATING TEMPERATURE -73 °C TO 125 °C.
9. REF-PARTS ARE DEFLASHED ON PARTING LINE +0.005 [0.13] MAXIMUM.
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.

8	A/R	PARKER O-LUBE	LUBRICANT O-RING BARIUM-BASED
7	2	-013 LM100-70	O-RING -013 FLUOROSILICONE LM100-70
6	1	TFE20 WHITE	WIRE 20 TEFLON M22759/12-20-9 19/#32
5	1	TFE20 RED	WIRE 20 TEFLON M22759/12-20-2 19/#32
4	1	TFE20 GREEN	WIRE 20 TEFLON M22759/12-20-5 19/#32
3	1	TFE20 BLACK	WIRE 20 TEFLON M22759/12-20-0 19/#32
2	A/R	PAVE-Seal 150	EPOXY BLACK
1	1	4259	HOUSING SP9M-E
ITEM	QTY	PART NUMBER	DESCRIPTION

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

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DESCRIPTION
 SP9M-E-150-4-TE20-11-37

PART NUMBER
5499

MATERIAL NOTED

REVISION LEVEL -

PROJECTION