



NOTES:

1. LEAK TEST: 1500 PSI, NO BUBBLES 30 SECONDS MINIMUM. A GREEN PAINT DOT INDICATES THE PART HAS PASSED THE TEST.
2. HYPOT 1000 VDC 500 MEGOHMS MINIMUM 0.01 SECOND MINIMUM COPPER ROD TO HOUSING.
3. REF-20 IN-LBS MAXIMUM TORQUE APPLIED TO COPPER ROD.
4. HOUSING O-RING AREA TO MEET J1926/1 BOSS SPECIFICATION.
5. ALL TESTS ARE PERFORMED AT ROOM TEMPERATURE.
6. ALL PARTS MUST PASS ALL TESTS.
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. REF-OPERATING TEMPERATURE RANGE -20 °C TO 125 °C.
9. DIMENSIONS ARE INCHES [millimeters].
10. 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
5	A/R	PARKER O-LUBE	LUBRICANT O-RING BARIUM BASED
4	1	3-906 BUNA	O-RING -906 BUNA 75
3	A/R	PAVE-Seal 150 BLUE	EPOXY BLUE
2	1	4052	ROD .39 COPPER HIGH CURRENT
1	1	4053	HOUSING SO9-SS

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DESCRIPTION
SO9-SS-150-1-.39CU-1-1

PART NUMBER
4051

MATERIAL NOTED

REVISION LEVEL
F

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