



NOTES:

1. QUALIFICATION LEAK TEST TO MEET OR EXCEED REQUIREMENTS SPECIFIED ON PG2 OF U OF TEXAS PO#2005A40386 FOR EACH OF THE THREE FIRST ARTICLE PARTS.
2. LEAK TEST EACH O-RING INDIVIDUALLY: 1500 PSI, NO LEAKAGE DETECTED 10 MINUTES MINIMUM, 5 CYCLES. ADDITIONAL TEST OF OUTER (ATMOSPHERE SIDE) O-RING: 1500 PSI, NO LEAKAGE DETECTED 1 HOUR MINIMUM.
3. HYPOT 2500 VDC 500 MEGAOHMS MINIMUM 0.01 SECOND MINIMUM WIRE TO WIRE.
4. ALL TESTS ARE PERFORMED AT ROOM TEMPERATURE.
5. PERCENTAGE OF PARTS TESTED WILL BE 100% (MAY BE A LESSER PERCENTAGE FOR LARGE PRODUCTION QUANTITIES, UNLESS OTHERWISE NOTED OR REQUIRED).
6. WIRE POSITIONS ARE APPROXIMATE AND VARIABLE.
7. OPERATING TEMPERATURE -20° TO 150°C.
8. LABEL AS SHOWN WITH "XXX" REPRESENTING A SEQUENTIAL SERIAL #, "XX/XX" REPRESENTING MM/YY. LABEL TO BE APPLIED TO ONE WIRE ONLY.

6	1	-	PRINTABLE LABEL
5	22	HV22	WIRE #22 SILICONE HV ROWE R790-0522 OR EQUAL
4	A/R	PARKER O-LUBE	LUBRICANT O-RING BARIUM-BASED
3	A/R	PAVE-Seal 150	EPOXY BLACK
2	2	-020 BUNA	O-RING -020 BUNA 75
1	1	2309	HOUSING SP16-E (THRU ID)
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
SP16-E-150-22-HV22-18-18

PART NUMBER
2959

REVISION LEVEL
B

PROJECTION