NOTES:
1. LEAK & ELECTRICAL TESTING FOR 2959 ONLY:
   A) QUALIFICATION LEAK TEST TO MEET OR EXCEED REQUIREMENTS SPECIFIED ON PG2 OF U OF TEXAS PO #2005A-40586 FOR EACH OF THE THREE FIRST ARTICLES PARTS.
   B) PRODUCTION 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.
   C) HYPOT 2500 VDC 500 MEGOHMS MINIMUM 0.01 SECOND MINIMUM WIRE TO WIRE.
2. LEAK & ELECTRICAL TESTING FOR 2959-1 ONLY:
   A) LEAK TEST: 1500 PSI, NO N2 BUBBLES 1 MINUTE MINIMUM.
   B) HYPOT 1000 VDC 500 MEGOHMS MINIMUM 0.01 SECOND MINIMUM CONDUCTOR TO CONDUCTOR.
3. ALL TESTS ARE PERFORMED AT A ROOM TEMPERATURE.
4. ALL PARTS MUST PASS ALL TESTS.
5. DIMENSIONS ARE INCHES [millimeters].
6. OPERATING TEMPERATURE RANGE -20°C TO 125°C.
7. FOR 2959 ONLY: LABEL AS SHOWN WITH "XXX" REPRESENTING A SEQUENTIAL SERIAL #, "XX/YY" REPRESENTING MM/YY. LABEL TO BE APPLIED TO ONE WIRE ONLY.
8. NO Voids ARE ACCePTABLE ON O-RING SEALING SURFACES. Voids SMALLER THAN Ø.003 (0.09) ARE ACCePTABLE ON OTHER SURFACES.
9. REF-PARTS ARE DEFLASED ON PARTING LINE +0.005 [0.13] MAXIMUM.
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
42 0.02 BUNA O-RING -020 BUNA 75
3 22 HV22 WIRE #22 SILICONE PVC ROWE R790-0522 OR EQUAL
2 A/R PAVE-Seal 150 EPOXY BLACK
1 1 0913 HOUSING SP16-E

ITEM QTY PART NUMBER DESCRIPTION
6 1 - PRINTABLE LABEL