NOTES:
1. HE LEAK TEST @ 1 ATM. 1X10^-6 CC/SEC OR LESS. A GREEN PAINT DOT ON THE ATMOSPHERE SIDE INDICATES THE PART HAS PASSED THE TEST.
2. ALCOHOL OR FOMBLIN YVAC 3 MAY BE USED TO LUBRICATE O-RINGS FOR VACUUM HELIUM LEAK TESTING.
3. ALL TESTS ARE PERFORMED AT ROOM TEMPERATURE.
4. ALL PARTS MUST PASS ALL TESTS.
5. FLEX POSITIONING IS APPROXIMATE & VARIABLE.
6. COSMETIC SURFACE VOIDS NOT ON O-RING SEALING SURFACES ARE ACCEPTABLE BASED ON THE SEAL'S DIAMETER:
   - <= .5 [12.7] SEAL DIAMETER: 0.035 (.89) MAX ALLOWED VOID SIZE
   - > .5 [12.7] SEAL DIAMETER: 0.060 [1.5] MAX ALLOWED VOID SIZE
7. REF-OPERATING TEMPERATURE RANGE -20°C TO 125°C.
8. DIMENSIONS ARE INCHES [millimeters].
9. 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 1 -036 VITON O-RING -036 VITON 75
4 2 YARDLEY#440AS-8 THREADED INSERT SS 4-40 X .12
3 1 SE-IR FLEX FLEX CABLE KAPTON
2 1 4182 PLATE TOP SS DSUB
1 1 PAVE-Seal 150 EPOXY BLACK

ALL DIMENSIONS AND TOLERANCES APPLY TO FINISHED PART INCHES
ALLOWABLE TOLERANCES UNLESS SPECIFIED OTHERWISE [±.015 MILLIMETERS]