NOTES:
1. HE LEAK TEST VACUUM 10X10^-7 C/C/SEC OR LESS.
2. CONTINUITY TEST: OPTICAL CONTINUITY USING RED LASER.
3. ALL TESTS ARE PERFORMED AT ROOM TEMPERATURE.
4. ALL PARTS MUST PASS ALL TESTS.
5. VOIDS SMALLER THAN Ø 0.035 ARE ACCEPTABLE.
6. REF-OPERATING TEMPERATURE -55°C TO 85°C.
7. DIMENSIONS ARE IN INCHES [millimeters].
8. THERMAL CYCLE: ONCE FROM ROOM TEMPERATURE TO -55°C TO 85°C TO ROOM TEMPERATURE @ 1" PER MIN.
9. LEAK TEST AND CONTINUITY TEST WILL BE COMPLETED AFTER THERMAL CYCLING.

ITEM | QTY. | PART # | DESCRIPTION
----|------|--------|------------------
6   | 2    | TFT-200-15 | TUBING TEFLO N .059 ID THIN WALL
5   | 1    | 0894     | NUT VS8-SS
4   | 1    | -112 BUTYL | O-RING -112 BUTYL 70
3   | A/R  | PAVE-Seal 150 | EPOXY BLACK
2   | 1    | 52059525 | Gore Spaceflight Cable SMF28
1   | 1    | 0892     | HOUSING VS8-SS

ATMOSPHERE

VACUUM

INSTALLATION PORT

[2597.2] 102.25
[22.2] .875
[13.34±2.54] .525±1
[1090.4±191] 42.93±7.5
[22.35] .88
[13.34±2.54] .525±1
[11.18] .44
[12.7±13] .50±5
[5.08] .000
(1/2-20 UNF-2A)
[20.18] .79
[6.35] .25
[12.83] .505