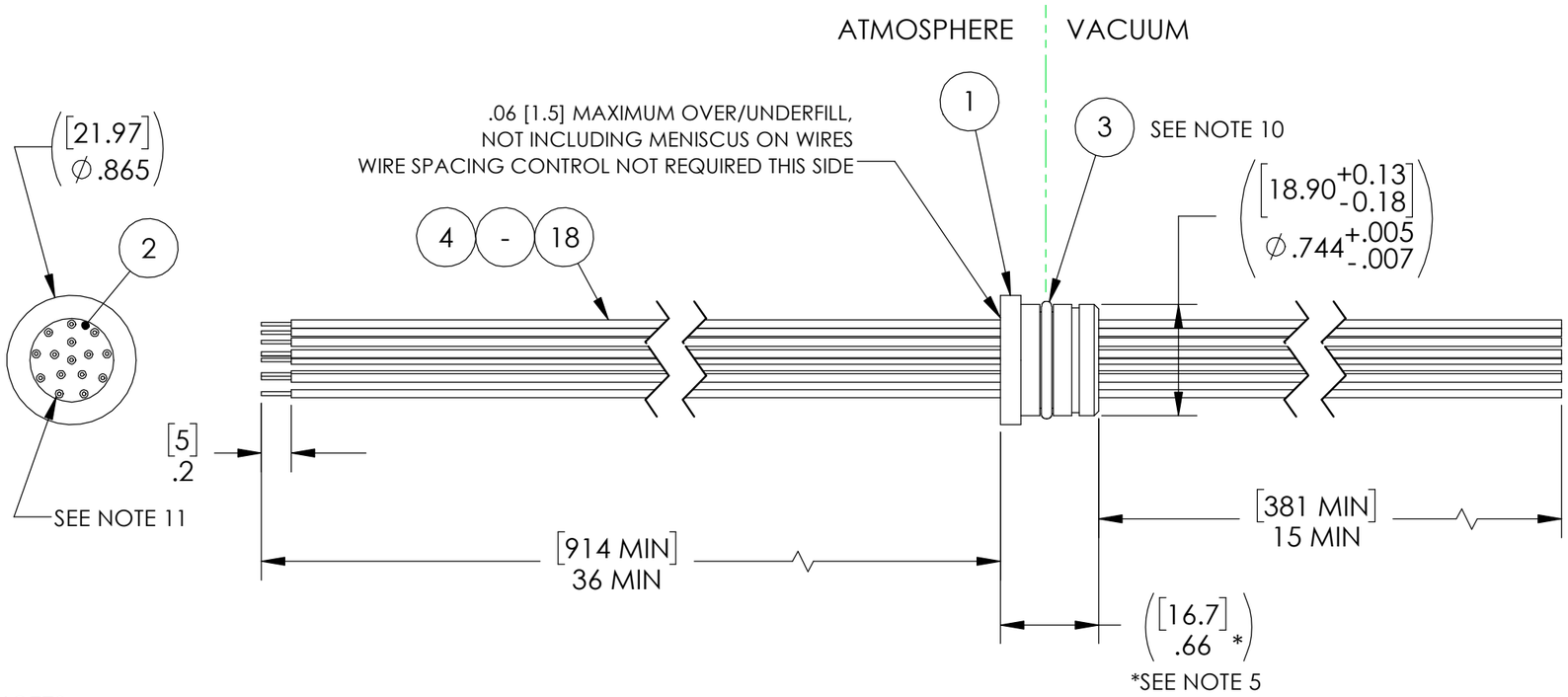


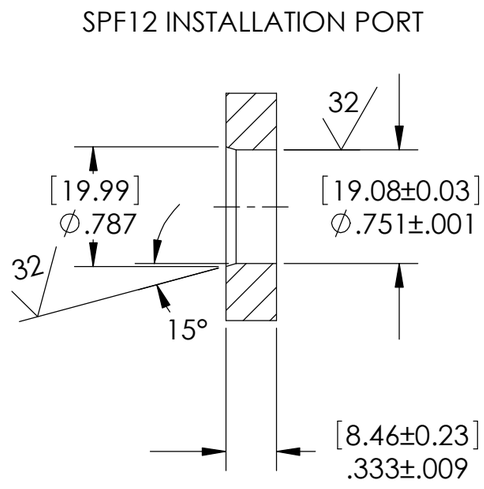


RECOMMENDED RETAINING RING
TRUARC #5100-75 OR EQUAL

NOTES:

1. HE LEAK TEST @ 1 ATM. 1X10^-7 CC/SEC OR LESS. A GREEN PAINT DOT ON THE ATMOSPHERE SIDE INDICATES THE PART HAS PASSED THE TEST.
2. HYPOT 630 VDC 500 MEGOHMS MINIMUM 0.01 SECOND MINIMUM WIRE TO WIRE.
3. ALL TESTS ARE PERFORMED AT ROOM TEMPERATURE.
4. ALL PARTS MUST PASS ALL TESTS.
5. DIMENSION IS OVER-ALL-LENGTH EXCLUDING OVERFILL ON ATMOSPHERE SIDE OF HOUSING.
6. DIMENSIONS ARE INCHES [millimeters].
7. COSMETIC SURFACE VOIDS NOT ON O-RING SEALING SURFACES ARE ACCEPTABLE BASED ON THE SEAL'S DIAMETER:
   <= .5 [12.7] SEAL DIAMETER: ∅.035 [.89] MAX ALLOWED VOID SIZE
   > .5 [12.7] SEAL DIAMETER: ∅.060 [1.5] MAX ALLOWED VOID SIZE
8. REF-OPERATING TEMPERATURE RANGE -20°C TO 125°C.
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.
10. ALCOHOL NEEDS TO BE USED TO LUBRICATE O-RINGS FOR VACUUM HELIUM LEAK TESTING AND INSTALLATION IN PORT.
11. WIRE POSITIONING IS APPROXIMATE & COLOR POSITIONS ARE VARIABLE.
12. REF-PARTS ARE DEFLASHED ON PARTING LINE +0.005 [0.13] MAXIMUM.

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

| ITEM | QTY | PART NUMBER | DESCRIPTION |
|---|---|---|---|
| 18 | 1 | E22 YELLOW | WIRE 22E MIL-W-16878/4 .010 7/#30 |
| 17 | 1 | E22 WHT | WIRE 22E MIL-W-16878/4 .010 7/#30 |
| 16 | 1 | E22 VIOLET | WIRE 22E MIL-W-16878/4 .010 7/#30 |
| 15 | 1 | E22 RED | WIRE 22E MIL-W-16878/4 .010 7/#30 |
| 14 | 1 | E22 ORANGE | WIRE 22E MIL-W-16878/4 .010 7/#30 |
| 13 | 1 | E22 GRAY | WIRE 22E MIL-W-16878/4 .010 7/#30 |
| 12 | 1 | E22 GREEN | WIRE 22E MIL-W-16878/4 .010 7/#30 |
| 11 | 1 | E22 BROWN | WIRE 22E MIL-W-16878/4 .010 7/#30 |
| 10 | 1 | E22 BLUE 7 STR | WIRE 22E MIL-W-16878/4 .010 7/#30 |
| 9 | 1 | E22 WHT/YEL | WIRE 22E MIL-W-16878/4 .010 7/#30 |
| 8 | 1 | E22 WHT/RED | WIRE 22E MIL-W-16878/4 .010 7/#30 |
| 7 | 1 | E22 BLK | WIRE 22E MIL-W-16878/4 .010 7/#30 |
| 6 | 1 | E22 WHT/GRN | WIRE 22E MIL-W-16878/4 .010 7/#30 |
| 5 | 1 | E22 WHT/BLU | WIRE 22E MIL-W-16878/4 .010 7/#30 |
| 4 | 1 | E22 WHT/BLK | WIRE 22E MIL-W-16878/4 .010 7/#30 |
| 3 | 1 | -016 VITON | O-RING -016 VITON 75 |
| 2 | A/R | PAVE-Seal 150 | EPOXY BLACK |
| 1 | 1 | 0130 | HOUSING SPF12-E |

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www.pavetechnologyco.com

DESCRIPTION
SPF12-E-150-15-TE22-36-15

PART NUMBER
4996

MATERIAL NOTED

REVISION LEVEL B

PROJECTION