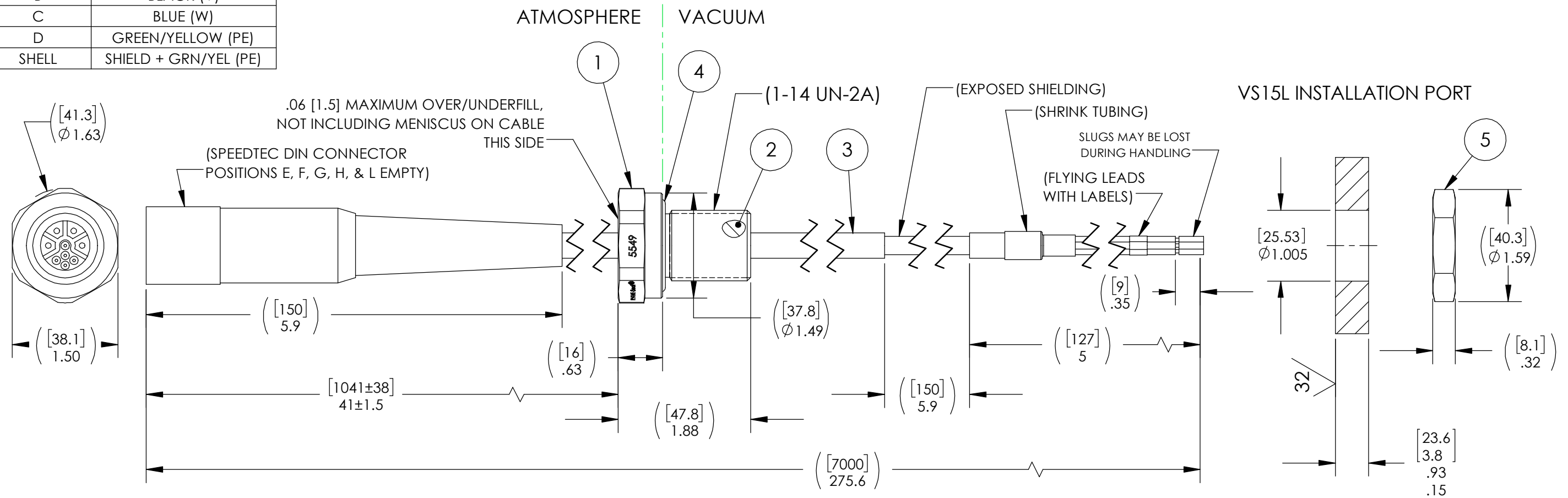


REF-ITEM 3 PIN OUT

| POSITION | COLOR (LABEL) |
|----------|-----------------------|
| A | BROWN (U) |
| B | BLACK (V) |
| C | BLUE (W) |
| D | GREEN/YELLOW (PE) |
| SHELL | SHIELD + GRN/YEL (PE) |



NOTES:

- HE LEAK TEST @ 1 ATM. 1×10^{-6} CC/SEC OR LESS. A GREEN PAINT DOT INDICATES THE PART HAS PASSED THE TEST.
- HYPOT 630 VDC 500 MEGOHMS MINIMUM 0.01 SECOND MINIMUM WIRE TO WIRE TO SHIELD AND HOUSING.
- CONTINUITY TEST GRN/YEL WIRE TO EXPOSED SHIELD < 0.5 OHM.
- ALCOHOL OR FOMBLIN YVAC 3 MAY BE USED TO LUBRICATE O-RINGS FOR VACUUM HELIUM LEAK TESTING.
- ALL TESTS ARE PERFORMED AT ROOM TEMPERATURE.
- ALL PARTS MUST PASS ALL TESTS.
- CABLE POSITIONING IS APPROXIMATE & VARIABLE.
- COSMETIC SURFACE VOIDS NOT ON O-RING SEALING SURFACES ARE ACCEPTABLE BASED ON THE SEAL'S DIAMETER:
 <= .5 [12.7] SEAL DIAMETER: ϕ .035 [.89] MAX ALLOWED VOID SIZE
 > .5 [12.7] SEAL DIAMETER: ϕ .060 [1.5] MAX ALLOWED VOID SIZE
- REF-OPERATING TEMPERATURE RANGE -20 °C TO 90 °C.
- DIMENSIONS ARE INCHES [millimeters].
- 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.

| 5 | 1 | 0183 | NUT VS15-SS |
|------|-----|-----------------|------------------------------------------------------------------------------------------|
| 4 | 1 | -215 VITON | O-RING -215 VITON 75 |
| 3 | 1 | 2090CPWM7DF16AA | CABLE ASSEMBLY POWER 4# 16 SHIELDED SPEEDTEC DIN CONNECTOR/DRIVE END FLYING LEADS 7M OAL |
| 2 | A/R | PAVE-Seal 150 | EPOXY BLACK |
| 1 | 1 | 0161 | HOUSING VS15L-SS |
| ITEM | QTY | PART NUMBER | DESCRIPTION |

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DESCRIPTION
VS15L-SS-150-1-2090CPWM7DF16AA07-41T-233

PART NUMBER
5549

MATERIAL NOTED

REVISION LEVEL -

PROJECTION

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