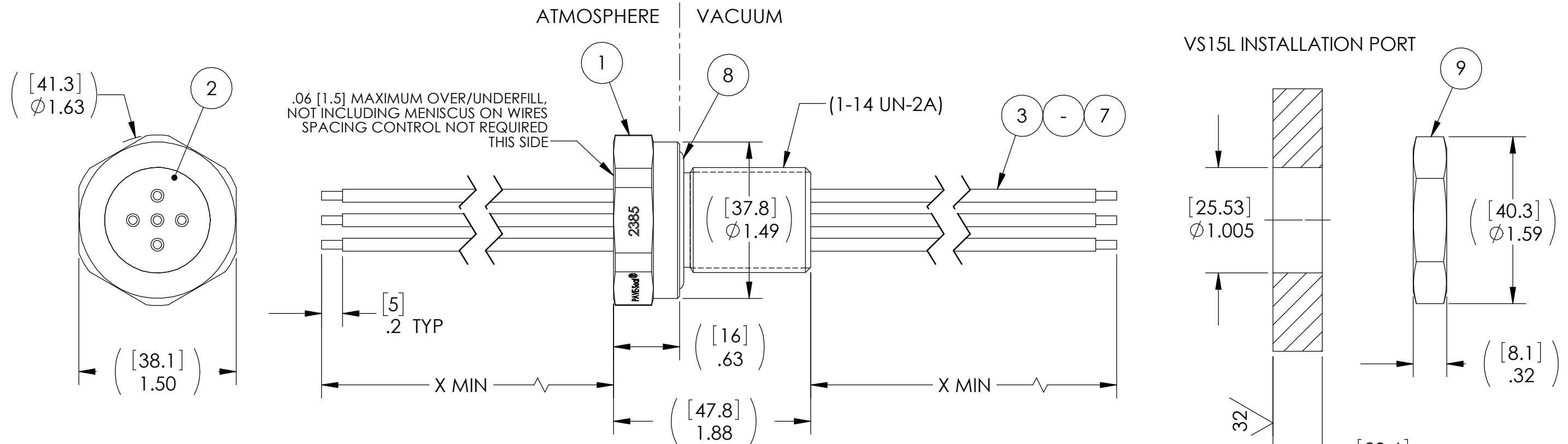


|        |            |
|--------|------------|
| PAVE#  | X          |
| 2385   | 24 [610]   |
| 2385-1 | 120 [3048] |

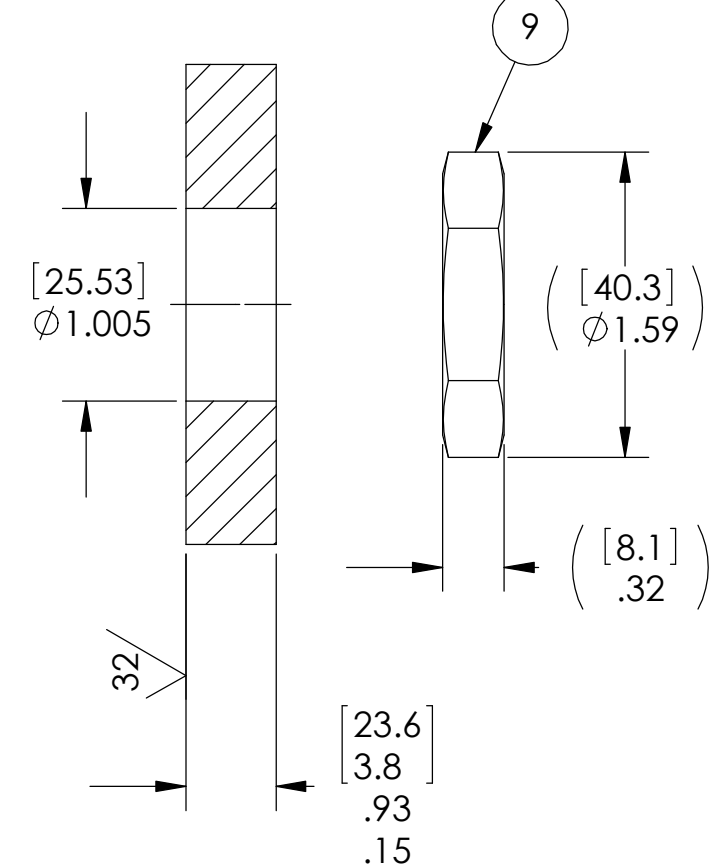


NOTES:

- HE LEAK TEST @ 1 ATM. 1X10<sup>-8</sup> 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 AND HOUSING.
- 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.
- WIRE 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:  $\phi$ .035 [.89] MAX ALLOWED VOID SIZE  
 > .5 [12.7] SEAL DIAMETER:  $\phi$ .060 [1.5] MAX ALLOWED VOID SIZE
- REF-OPERATING TEMPERATURE -20 °C TO 150 °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.

| 9    | 1   | 0183            | NUT VS15-SS                         |
|------|-----|-----------------|-------------------------------------|
| 8    | 1   | -215 VITON      | O-RING -215 VITON 75                |
| 7    | 1   | EE12 19STR RED  | WIRE 12EE MIL-W-16878/5 .017 19/#25 |
| 6    | 1   | EE12 19STR BLUE | WIRE 12EE MIL-W-16878/5 .017 19/#25 |
| 5    | 1   | EE12 GREEN      | WIRE 12EE MIL-W-16878/5 .017 19/#25 |
| 4    | 1   | EE12 WHITE      | WIRE 12EE MIL-W-16878/5 .017 19/#25 |
| 3    | 1   | EE12 BLACK      | WIRE 12EE MIL-W-16878/5 .017 19/#25 |
| 2    | A/R | PAVE-Seal 200FR | EPOXY BLACK HI-TEMP FLAME RESISTANT |
| 1    | 1   | 0161            | HOUSING VS15L-SS                    |
| ITEM | QTY | PART NUMBER     | DESCRIPTION                         |

VS15L INSTALLATION PORT



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

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DESCRIPTION  
 VS15L-SS-200FR-5-TEE12-X-X

PART NUMBER \*SEE TABLE MATERIAL NOTED  
**2385\***

REVISION LEVEL A PROJECTION