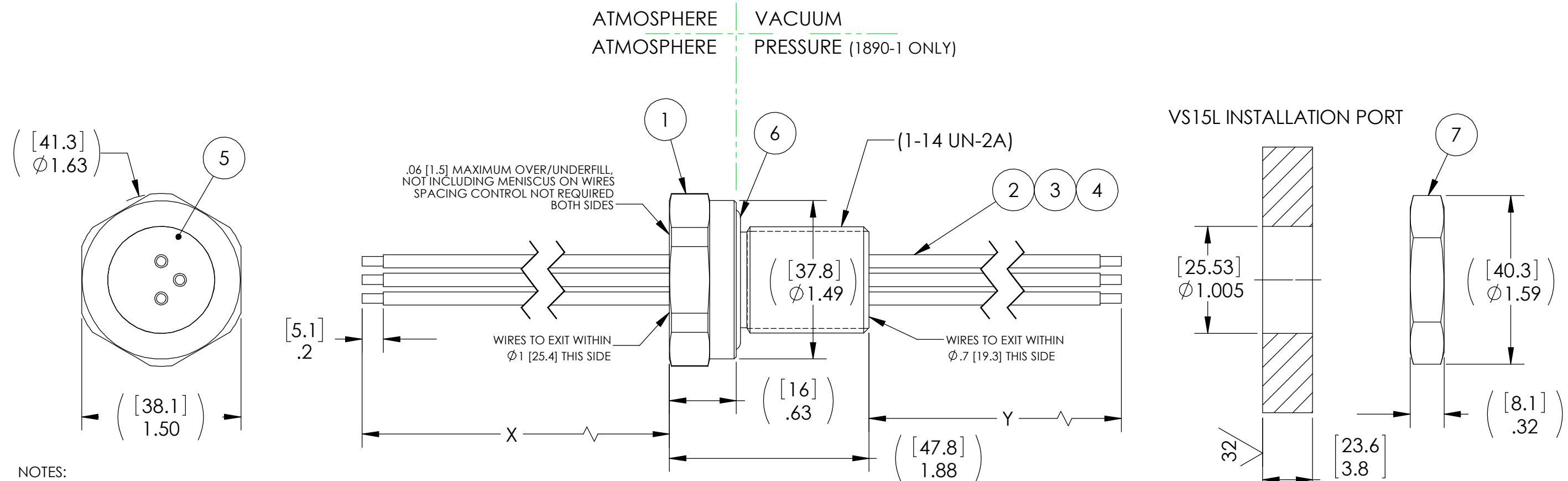| PAVE#	X	Y	ITEM 6	ITEM 6 DESCRIPTION	TEMPERATURE RANGE
1890-3	60 [1524]	180 [4572]	-215 VITON	O-RING -215 VITON 75	-20°C TO 125°C
1890-2	96 [2438]	30 [762]	-215 VITON	O-RING -215 VITON 75	-20°C TO 125°C
1890-1	24 [610]	24 [610]	-215 VITON LT	O-RING -215 VITON LOW-TEMP 75	-40°C TO 125°C
1890	24 [610]	24 [610]	-215 VITON	O-RING -215 VITON 75	-20°C TO 125°C

ATMOSPHERE | VACUUM

ATMOSPHERE | PRESSURE (1890-1 ONLY)

VS15L INSTALLATION PORT

([41.3]) Ø1.63

(1-14 UN-2A)

.06 [1.5] MAXIMUM OVER/UNDERFILL, NOT INCLUDING MENISCUS ON WIRES SPACING CONTROL NOT REQUIRED BOTH SIDES

([37.8]) Ø1.49

[25.53] Ø1.005

([40.3]) Ø1.59

[5.1] .2

WIRES TO EXIT WITHIN Ø1 [25.4] THIS SIDE

WIRES TO EXIT WITHIN Ø.7 [19.3] THIS SIDE

([38.1]) 1.50

([16]) .63

([47.8]) 1.88

X

Y

32

[23.6] 3.8 .93 .15

([8.1]) .32

NOTES:
1. HE LEAK TEST @ 1 ATM. 1X10^-6 CC/SEC OR LESS.
   1890-1 ONLY: HE LEAK TEST @ 700PSI 30 SECONDS MINIMUM, SNIFFER TEST 1X10^-4 CC/SEC OR LESS
   A GREEN PAINT DOT INDICATES THE PART HAS PASSED THE LEAK TEST.
2. HYPOT 630 VDC 500 MEGOHMS MINIMUM 0.01 SECOND MINIMUM WIRE TO WIRE AND HOUSING.
3. ALL TESTS ARE PERFORMED AT ROOM TEMPERATURE.
4. ALL PARTS MUST PASS ALL TESTS.
5. WIRES ARE NOT REQUIRED TO BEND SHARPLY AT EPOXY SEAL SURFACE.
6. COSMETIC SURFACE VOIDS NOT ON O-RING SEALING SURFACES ARE ACCEPTABLE BASED ON THE SEAL'S DIAMETER:
   <= .5 [12.7] SEAL DIAMETER: Ø.035 [.89] MAX ALLOWED VOID SIZE
   > .5 [12.7] SEAL DIAMETER: Ø.060 [1.5] MAX ALLOWED VOID SIZE
7. WIRE POSITIONING IS APPROXIMATE & VARIABLE.
8. REF-OPERATING TEMPERATURE PER TABLE.
9. DIMENSIONS ARE INCHES [millimeters].
10. ALCOHOL OR FOMBLIN YVAC 3 MAY BE USED TO LUBRICATE O-RINGS FOR VACUUM HELIUM LEAK TESTING.
11. 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.

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
7	1	0183	NUT VS15-SS
6	1	SEE TABLE	SEE TABLE
5	A/R	PAVE-Seal 150	EPOXY BLACK
4	1	EE12 GREEN	WIRE 12EE MIL-W-16878/5 .017 19/#25
3	1	EE12 WHITE	WIRE 12EE MIL-W-16878/5 .017 19/#25
2	1	EE12 BLACK	WIRE 12EE MIL-W-16878/5 .017 19/#25
1	1	0161	HOUSING VS15L-SS

DESCRIPTION: VS15L-SS-150-3-TEE12-X-Y

PART NUMBER: 1890

MATERIAL: NOTED

REVISION LEVEL: E

PROJECTION