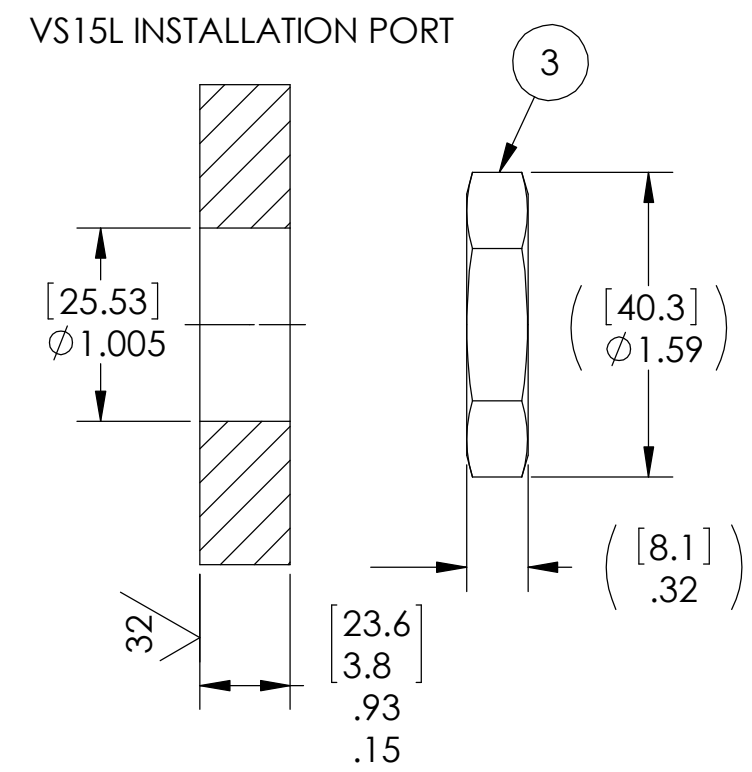
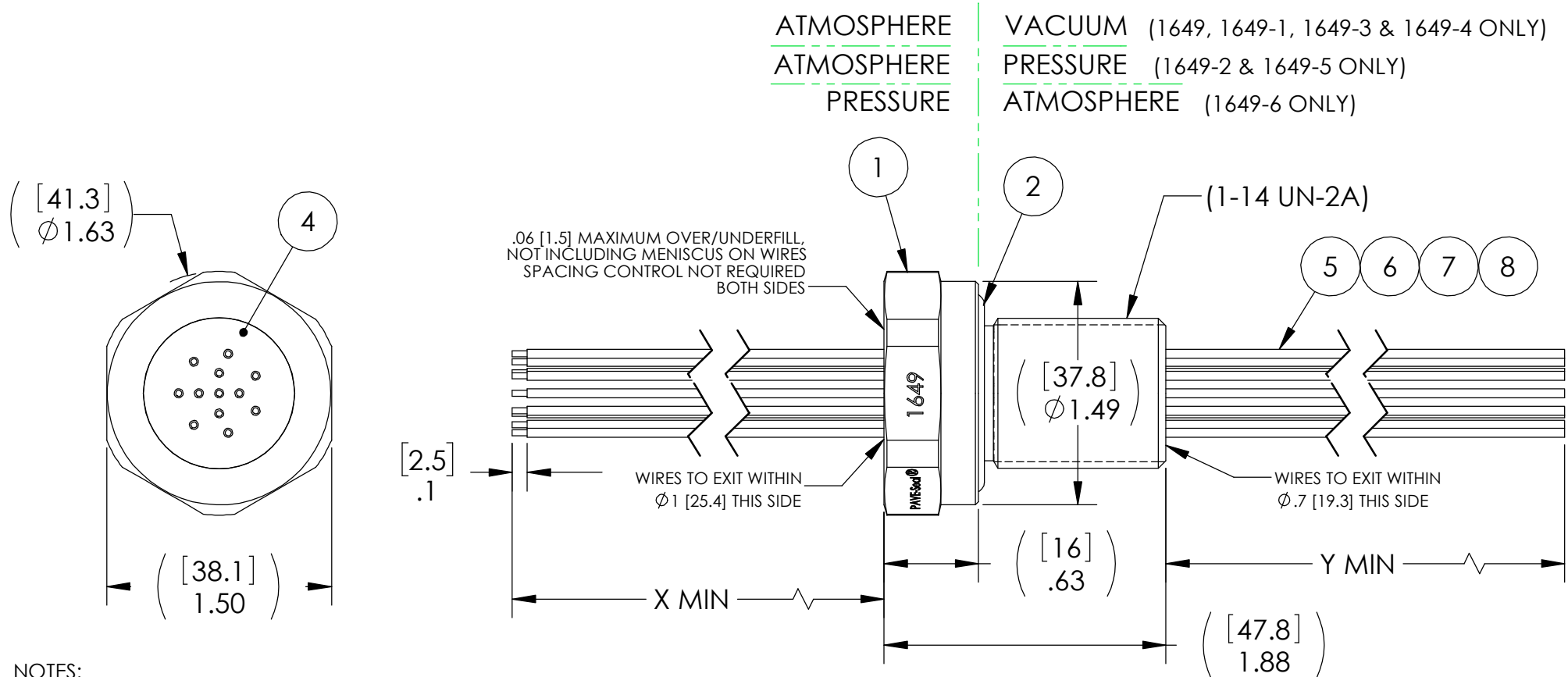
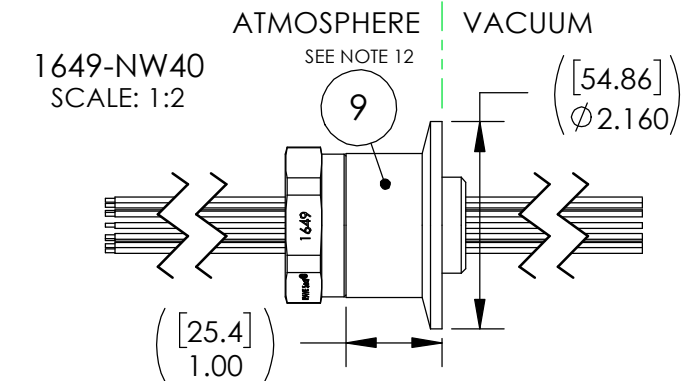


1649-NW40	48 [1219.2]	48 [1219.2]	VS15L-SS-150-12-TZ20-48-48	-215 VITON	O-RING -215 VITON 75	PAVE-Seal 150	-20°C TO 125°C
1649-6	48 [1219.2]	48 [1219.2]	VS15L-SS-200-12-TZ20-48-48	-215 VITON	O-RING -215 VITON 75	PAVE-Seal 150	-20°C TO 125°C
1649-5	48 [1219.2]	48 [1219.2]	VS15L-SS-200-12-TZ20-48-48	-215 VITON LT	O-RING -215 VITON LOW-TEMP 75	PAVE-Seal 200	-40°C TO 150°C
1649-4	48 [1219.2]	236.2 [6000]	VS15L-SS-150-12-TZ20-48-236	-215 VITON	O-RING -215 VITON 75	PAVE-Seal 150	-20°C TO 125°C
1649-3	393.7 [10000]	393.7 [10000]	VS15L-SS-150-12-TZ20-10-10m	-215 VITON	O-RING -215 VITON 75	PAVE-Seal 150	-20°C TO 125°C
1649-2	48 [1219.2]	48 [1219.2]	VS15L-SS-150-12-TZ20-48-48	-215 VITON	O-RING -215 VITON 75	PAVE-Seal 150	-20°C TO 125°C
1649-1	196.85 [5000]	196.85 [5000]	VS15L-SS-150-12-TZ20-5-5m	-215 VITON	O-RING -215 VITON 75	PAVE-Seal 150	-20°C TO 125°C
1649	48 [1219.2]	48 [1219.2]	VS15L-SS-150-12-TZ20-48-48	-215 VITON	O-RING -215 VITON 75	PAVE-Seal 150	-20°C TO 125°C
PAVE#	X	Y	PAVE DESCRIPTION	ITEM 2	ITEM 2 DESCRIPTION	ITEM 4	TEMPERATURE RANGE



- NOTES:
- LEAK TESTING, A GREEN PAINT DOT INDICATES THE PART HAS PASSED THE TEST:
1649, 1649-1, 1649-3, 1649-4, 1649-NW40 ONLY: HE LEAK TEST @ 1 ATM. 1×10^{-7} CC/SEC OR LESS.
1649-2 & 1649-5 ONLY: LEAK TEST 1000 PSI, NO N2 BUBBLES 30 SECONDS MINIMUM.
1649-6 ONLY: LEAK TEST 2175 PSI, NO N2 BUBBLES 10 SECONDS MINIMUM
 - 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.
 - WIRES ARE NOT REQUIRED TO BEND SHARPLY AT EPOXY SEAL SURFACE.
 - 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 PER TABLE.
 - 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.
 - 1649-NW40 ONLY: SHIPS INSTALLED AND LEAK TESTED, PER NOTE 1, IN ITEM 9 (NW40 ADAPTER) AND DOES NOT INCLUDE ITEM 3 (JAM NUT).

ITEM	QTY	PART NUMBER	DESCRIPTION
9	1	5119	HOUSING NW40-SS VS15 ADAPTER
8	3	TZ20 ORANGE	WIRE 20 TEFZEL M22759/16 19/#32
7	3	TZ20 WHT M/16	WIRE 20 TEFZEL M22759/16 19/#32
6	3	TZ20 YELLOW	WIRE 20 TEFZEL M22759/16 19/#32
5	3	TZ20 GRN M/16	WIRE 20 TEFZEL M22759/16 19/#32
4	A/R	SEE TABLE	EPOXY BLACK
3	1	0183	NUT VS15-SS
2	1	SEE TABLE	SEE TABLE
1	1	0161	HOUSING VS15L-SS

PAVE technology co.

2751 Thunderhawk Court
Dayton, OH 45414-3445
U.S.A.
tel (937) 890-1100
fax (937) 8905165
www.pavetechnologyco.com

DESCRIPTION
SEE TABLE

PART NUMBER *SEE TABLE MATERIAL NOTED
1649*

REVISION LEVEL J 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