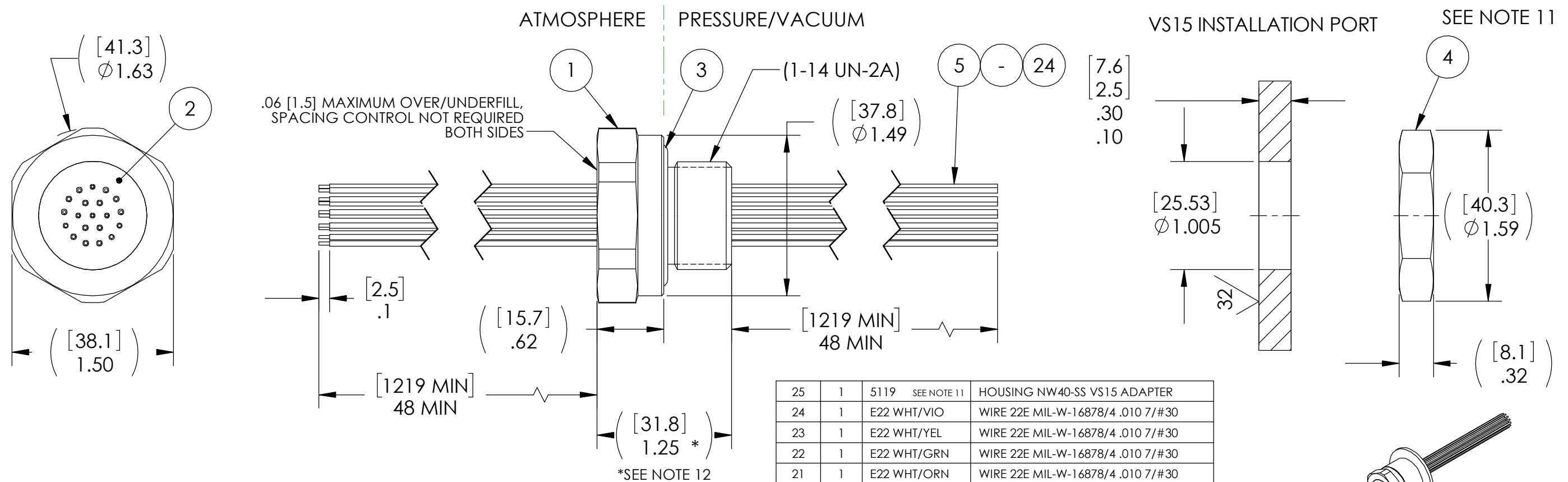


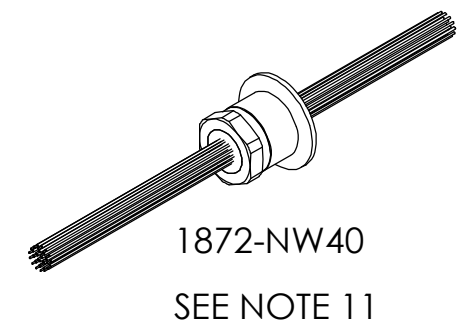
PAVE#	PAVE DESCRIPTION	LEAK TEST	ITEM 3 PART#	TEMPERATURE RANGE
1872 & 1872-NW40	VS15-AL-150-20-TE22-48-48	He @1ATM <1X10 ⁻⁶ std cc/s OR LESS	-215 VITON	-20 °C TO 125 °C
1872-1	VS15L-SS-150-20-TE22-48-48	80 PSI NO BUBBLES 4 MINUTES MIN	-215 VITON	-20 °C TO 125 °C
1872-2	VS15-AL-150-20-TE22-48-48	1000 PSI NO BUBBLES 30 SECONDS MIN	-215 BUTYL	-40 °C TO 125 °C
1872-3	VS15-AL-150-20-TE22-48-48	450 PSI NO BUBBLES 1 MINUTES MIN	-215 VITON	-20 °C TO 125 °C
1872-4	VS15L-SS-150-20-TE22-48-48	He @1ATM <1X10 ⁻⁶ std cc/s OR LESS	-215 TEFLON	-100 °C TO 125 °C



NOTES:

- LEAK TEST: PER TABLE. 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: Ø .035 [.89] MAX ALLOWED VOID SIZE
 > .5 [12.7] SEAL DIAMETER: Ø .060 [1.5] MAX ALLOWED VOID SIZE
- REF-OPERATING TEMPERATURE SEE 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.
- 1872-NW40 ONLY: TESTED & SHIPS WITH ITEM 25, DOES NOT INCLUDE ITEM 4 (NUT).
- 1872-1 & 1872-4 USE A VS15L-SS HOUSING (0161), WITH AN OVERALL LENGTH OF 1.88 [47.8] & VS15-SS NUT (0183).

25	1	5119	SEE NOTE 11	HOUSING NW40-SS VS15 ADAPTER
24	1	E22 WHT/VIO		WIRE 22E MIL-W-16878/4 .010 7/#30
23	1	E22 WHT/YEL		WIRE 22E MIL-W-16878/4 .010 7/#30
22	1	E22 WHT/GRN		WIRE 22E MIL-W-16878/4 .010 7/#30
21	1	E22 WHT/ORN		WIRE 22E MIL-W-16878/4 .010 7/#30
20	1	E22 WHT/BLU		WIRE 22E MIL-W-16878/4 .010 7/#30
19	1	E22 WHT/RED		WIRE 22E MIL-W-16878/4 .010 7/#30
18	1	E22 WHT/BLK		WIRE 22E MIL-W-16878/4 .010 7/#30
17	1	E22 WHT/BRN		WIRE 22E MIL-W-16878/4 .010 7/#30
16	1	E22 BLK/ORN		WIRE 22E MIL-W-16878/4 .010 7/#30
15	1	E22 BLK/WHT		WIRE 22E MIL-W-16878/4 .010 7/#30
14	1	E22 YELLOW		WIRE 22E MIL-W-16878/4 .010 7/#30
13	1	E22 WHT		WIRE 22E MIL-W-16878/4 .010 7/#30
12	1	E22 VIOLET		WIRE 22E MIL-W-16878/4 .010 7/#30
11	1	E22 RED		WIRE 22E MIL-W-16878/4 .010 7/#30
10	1	E22 ORANGE		WIRE 22E MIL-W-16878/4 .010 7/#30
9	1	E22 GREEN		WIRE 22E MIL-W-16878/4 .010 7/#30
8	1	E22 GRAY		WIRE 22E MIL-W-16878/4 .010 7/#30
7	1	E22 BROWN		WIRE 22E MIL-W-16878/4 .010 7/#30
6	1	E22 BLUE 7 STR		WIRE 22E MIL-W-16878/4 .010 7/#30
5	1	E22 BLK		WIRE 22E MIL-W-16878/4 .010 7/#30
4	1	1129	SEE NOTE 12	NUT VS15-AL
3	1	SEE TABLE		O-RING
2	A/R	PAVE-Seal 150		EPOXY BLACK
1	1	1898	SEE NOTE 12	HOUSING VS15-AL
ITEM	QTY	PART NUMBER		DESCRIPTION



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
*SEE TABLE

PART NUMBER *SEE TABLE MATERIAL NOTED

1872 REVISION LEVEL M PROJECTION