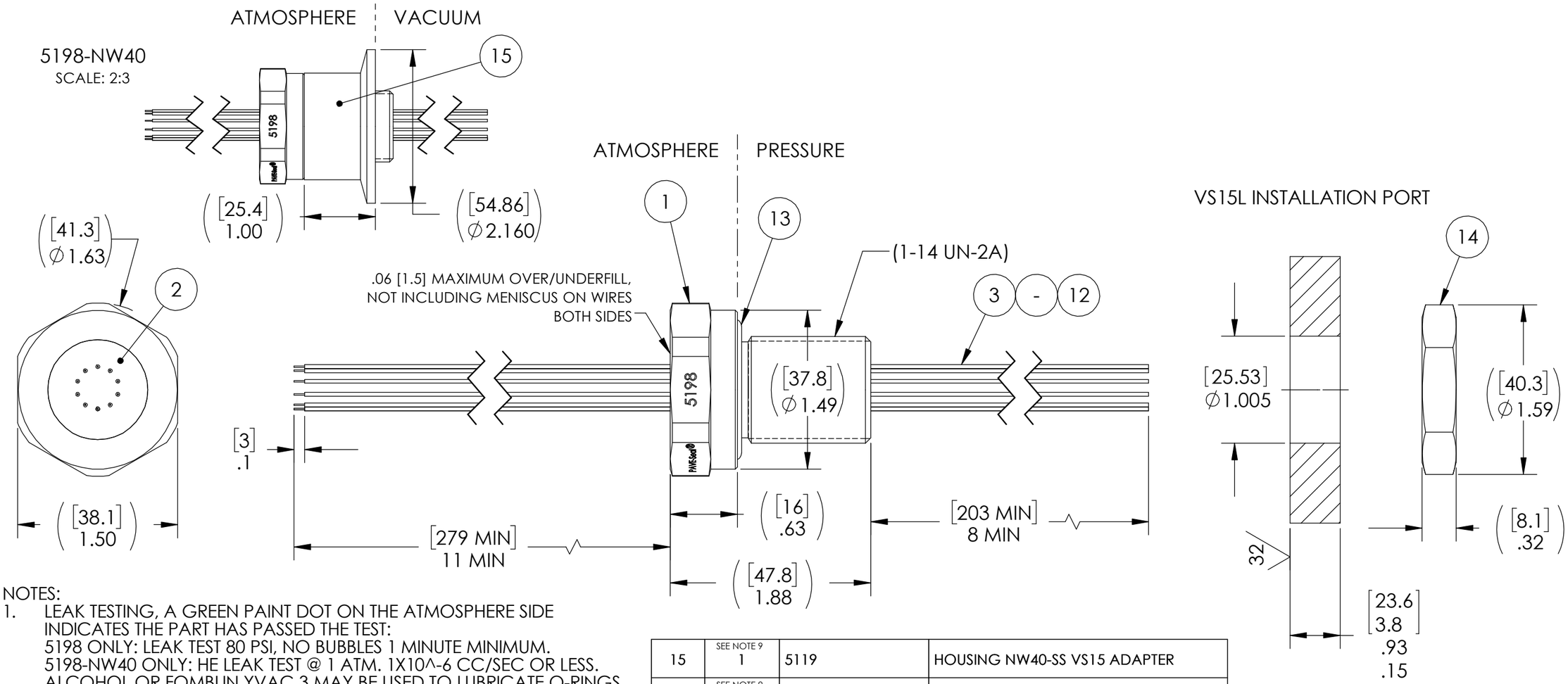

NOTES:

1. LEAK TESTING, A GREEN PAINT DOT ON THE ATMOSPHERE SIDE INDICATES THE PART HAS PASSED THE TEST:
   5198 ONLY: LEAK TEST 80 PSI, NO BUBBLES 1 MINUTE MINIMUM.
   5198-NW40 ONLY: HE LEAK TEST @ 1 ATM. 1X10^-6 CC/SEC OR LESS.
   ALCOHOL OR FOMBLIN YVAC 3 MAY BE USED TO LUBRICATE O-RINGS FOR VACUUM HELIUM LEAK TESTING.
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. WIRE POSITIONING IS APPROXIMATE & VARIABLE.
6. COSMETIC SURFACE VOIDS NOT ON O-RING SEALING SURFACES ARE ACCEPTABLE BASED ON THE SEAL'S DIAMETER:
   <= .5 [12.7] SEAL DIAMETER: ∅.035 [.89] MAX ALLOWED VOID SIZE
   > .5 [12.7] SEAL DIAMETER: ∅.060 [1.5] MAX ALLOWED VOID SIZE
7. REF-OPERATING TEMPERATURE RANGE -20˚C TO 125˚C.
8. DIMENSIONS ARE INCHES [millimeters].
9. 5198-NW40 ONLY SHIPS INSTALLED AND LEAK TESTED, PER NOTE 1, IN ITEM 15 (NW40 ADAPTER) AND DOES NOT INCLUDE ITEM 14 (JAM NUT).
10. 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
15	SEE NOTE 9 1	5119	HOUSING NW40-SS VS15 ADAPTER
14	SEE NOTE 9 1	0183	NUT VS15-SS
13	1	-215 VITON	O-RING -215 VITON 75
12	1	E28 YELLOW	WIRE 28E MIL-W-16878/4 .010 7/#36
11	1	E28 WHITE	WIRE 28E MIL-W-16878/4 .010 7/#36
10	1	E28 VIOLET	WIRE 28E MIL-W-16878/4 .010 7/#36
9	1	E28 RED	WIRE 28E MIL-W-16878/4 .010 7/#36
8	1	E28 ORANGE	WIRE 28E MIL-W-16878/4 .010 7/#36
7	1	E28 GREEN	WIRE 28E MIL-W-16878/4 .010 7/#36
6	1	E28 GRAY	WIRE 28E MIL-W-16878/4 .010 7/#36
5	1	E28 BROWN	WIRE 28E MIL-W-16878/4 .010 7/#36
4	1	E28 BLUE	WIRE 28E MIL-W-16878/4 .010 7/#36
3	1	E28 BLACK	WIRE 28E MIL-W-16878/4 .010 7/#36
2	A/R	PAVE-Seal 150	EPOXY BLACK
1	1	5082	HOUSING VS15L-SS

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

DESCRIPTION
VS15L-SS-150-10-TE28-11-8

PART NUMBER *SEE NOTES 1 & 9
5198*

MATERIAL NOTED

REVISION LEVEL -

PROJECTION