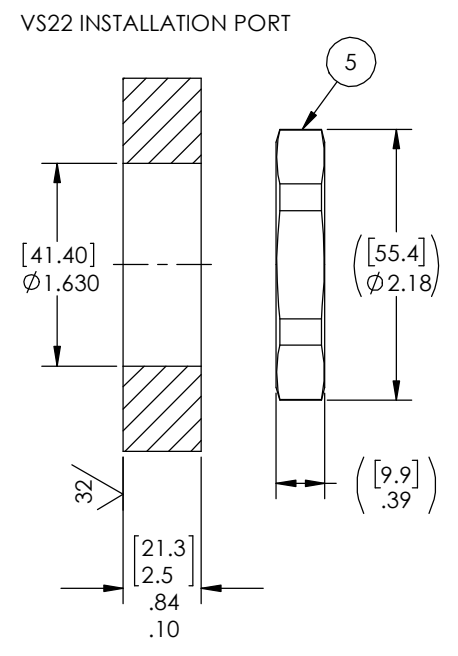
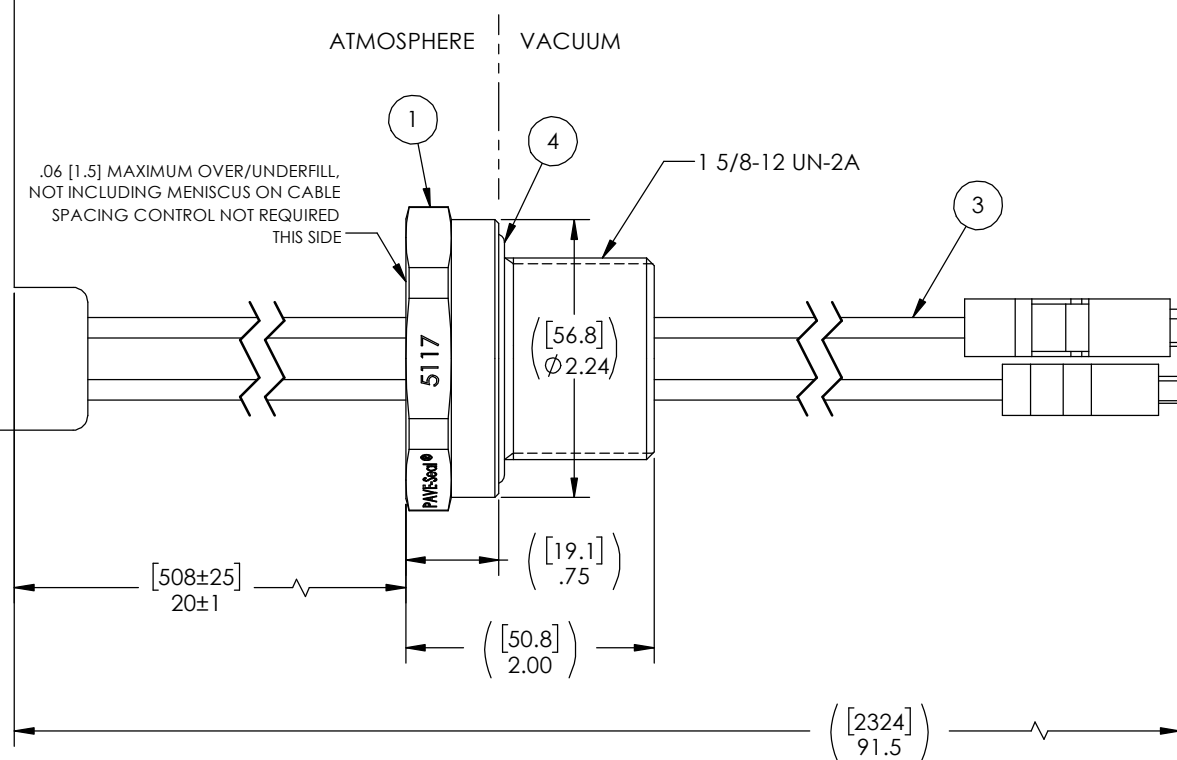


(TRANSLATION STAGE)



- NOTES:
1. HE LEAK TEST @ 1 ATM. 1X10⁻⁶ CC/SEC OR LESS. A GREEN PAINT DOT INDICATES THE PART HAS PASSED THE TEST.
 2. CHECK FOR ELECTRICAL SHORTS WIRE TO WIRE AND HOUSING WITH MATING CONNECTORS.
 3. ALCOHOL OR FOMBLIN YVAC 3 MAY BE USED TO LUBRICATE O-RINGS FOR VACUUM HELIUM LEAK TESTING.
 4. ALL TESTS ARE PERFORMED AT ROOM TEMPERATURE.
 5. ALL PARTS MUST PASS ALL TESTS.
 6. CABLE POSITIONING IS APPROXIMATE & VARIABLE.
 7. 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
 8. REF-OPERATING TEMPERATURE -20 °C TO 80 °C.
 9. DIMENSIONS ARE INCHES [millimeters].
 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.

5	1	0199	NUT VS22-SS
4	1	-224 VITON	O-RING -224 VITON 75
3	1	5117 CABLE	MICROSCOPE TRANSLATION STAGE ASSEMBLY (2) 20 CONDUCTOR #28 SHIELDED PVC JACKET CABLES TERMINATED WITH HRS DX30AM-20P & HONDA PCR-E20FA+ PLUG CONNECTORS
2	A/R	PAVE-Seal 150	EPOXY BLACK
1	1	0189/304SS	HOUSING VS22-SS
ITEM	QTY	PART NUMBER	DESCRIPTION

PAVE will meet the assembly and test specifications of the customer as documented on this assembly drawing. Any changes must be approved by PAVE.

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

DESCRIPTION: PAVE-Seal® Cable Harnesses
 VS22-SS-150-40-PC28-20T-95T

PART NUMBER: **5117**

REVISION LEVEL: -

PROJECTION:

FINISH

ALL DIMENSIONS AND TOLERANCES APPLY TO FINISHED PART IN MILLIMETERS.
 ALLOWABLE TOLERANCES UNLESS SPECIFIED OTHERWISE: NONE, ±12.700,
 X.X DECIMAL ±1.540, X.XX DECIMAL ±0.508, X.XXX DECIMAL ±0.127,
 ANGLES ±1 DEGREE SURFACE FINISH 128 microinch RMS