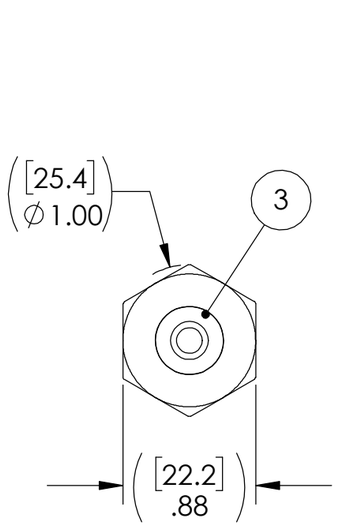
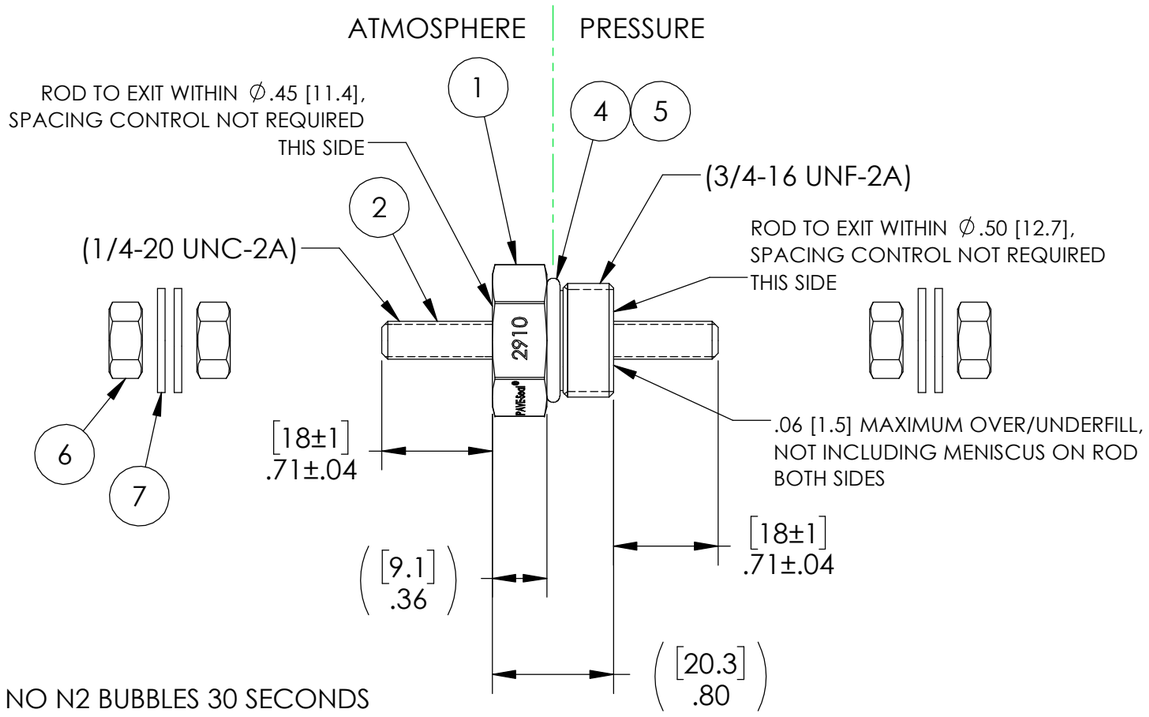
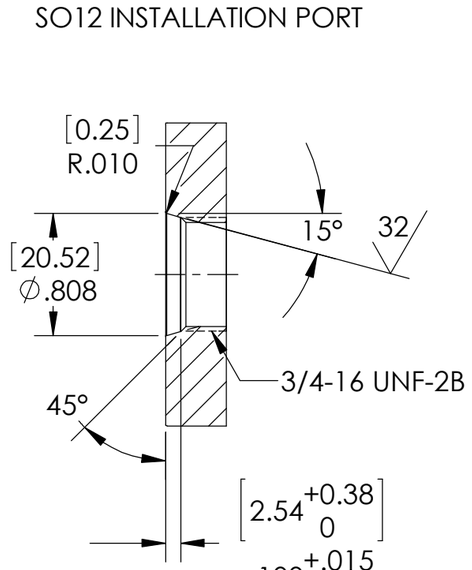
PAVE#	PRESSURE	ITEM 4	ITEM 4 DESCRIPTION	TEMPERATURE	ITEM 5	ITEM 5 DESCRIPTION
2910	300 PSI	-908 BUNA	O-RING -908 BUNA 75	-34˚C TO 121˚C	PARKER O-LUBE	LUBRICANT O-RING BARIUM-BASED
2910-1	600 PSI	-908 BUNA	O-RING -908 BUNA 75	-34˚C TO 121˚C	FOMBLIN YVAC 3	LUBRICANT O-RING FOMBLIN GREASE
2910-2	300 PSI	-908 EPDM	O-RING -908 EPDM 70	-56˚C TO 121˚C	SUPER O-LUBE	LUBRICANT O-RING SILICONE-BASED







NOTES:

1. LEAK TEST: PRESSURE PER TABLE, NO N2 BUBBLES 30 SECONDS MINIMUM. A GREEN PAINT DOT ON THE ATMOSPHERE SIDE INDICATES THE PART HAS PASSED THE TEST.
2. HYPOT 630 VDC 500 MEGOHMS MINIMUM 0.01 SECOND MINIMUM ROD TO HOUSING.
3. ALL TESTS ARE PERFORMED AT ROOM TEMPERATURE.
4. ALL PARTS MUST PASS ALL TESTS.
5. REF-OPERATING TEMPERATURE RANGE PER TABLE.
6. DIMENSIONS ARE INCHES [millimeters].
7. 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.
8. 2910-2 ONLY DOES NOT INCLUDE ITEMS 6 & 7 (NO WASHERS OR NUTS FOR THREADED COPPER ROD).
9. 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

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	4*	*SEE NOTE 8 BRASS WASH 1/4"	WASHER BRASS ID .260 OD .6875 THK .051
6	4*	*SEE NOTE 8 BRASS NUTS 1/4"	NUT BRASS WAF 7/16 THK 7/32
5	A/R	SEE TABLE	SEE TABLE
4	1	SEE TABLE	SEE TABLE
3	A/R	PAVE-Seal 200HV	EPOXY BLUE HIGH TEMP
2	1	3116	1/4-20 UNC THREADED COPPER ROD
1	1	2147	HOUSING SO12-SS

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Dayton, OH 45414-3445
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tel (937) 890-1100
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www.pavetechnologyco.com

DESCRIPTION: SO12-SS-200HV-1-.25CU-.7-.7

PART NUMBER: 2910

MATERIAL: NOTED

REVISION LEVEL: D

PROJECTION