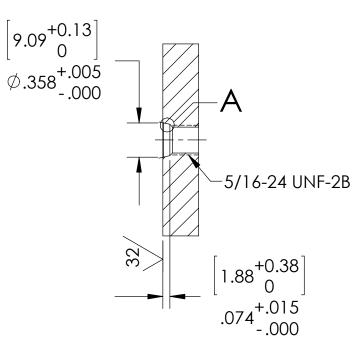
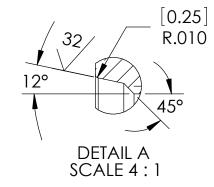


SO5 INSTALLATION PORT





NOTES:

- 1. HE LEAK TEST @ 1 ATM. 1X10^-8 CC/SEC OR LESS. A GREEN PAINT DOT INDICATES THE PART HAS PASSED THE TEST.

 QUALIFICATION LEAK TEST: 150 PSI, NO BUBBLES 30 SECONDS MINIMUM.
- 2. HYPOT 630 VDC 500 MEGOHMS MINIMUM 0.01 SECOND MINIMUM THERMOCOUPLE PAIR TO THERMOCOUPLE PAIR AND HOUSING.
- ALL TESTS ARE PERFORMED AT ROOM TEMPERATURE.
- 4. ALL PARTS MUST PASS ALL TESTS.
- 5. WIRES ARE NOT REQUIRED TO BEND SHARPLY AT EPOXY SEAL SURFACE.
- 6. COSMETIC SURFACE VOIDS NOT ON O-RING SEALING SURFACES ARE ACCEPTABLE BASED ON THE SEAL'S DIAMETER: <= .5 [12.7] SEAL DIAMETER: \emptyset .035 [.89] MAX ALLOWED VOID SIZE > .5 [12.7] SEAL DIAMETER: \emptyset .060 [1.5] MAX ALLOWED VOID SIZE
- 7. REF-OPERATING TEMPERATURE -20°C TO 85°C.
- 8. DIMENSIONS ARE INCHES [millimeters].
- 9. REF-HAND TIGHTEN HOUSING UNTIL HEX IS FLUSH AGAINST INSTALLATION PORT. MAXIMUM INSTALLATION TORQUE 2 ff.lb.
- 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.

ITEM	QTY	PART NUMBER	DESCRIPTION	
1	1	4393	housing so5-al (black anodized)	
2	A/R	PAVE-Seal 150	EPOXY BLACK	
3	2	KT30-22 TCB	CABLE T/C TYPE K #30 TEFLON W/ THERMOCOUPLE WELDED BEAD 25" OAL	
4	1	3-902 BUNA	O-RING 3-902 BUNA 75	
5	A/R	FOMBLIN YVAC 3	LUBRICANT O-RING FOMBLIN GREASE	

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SO5-AL-150-2P-KT30-12-12BEAD

PART NUMBER

MATERIAL NOTED
REVISION LEVEL _

JECTION (O)

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