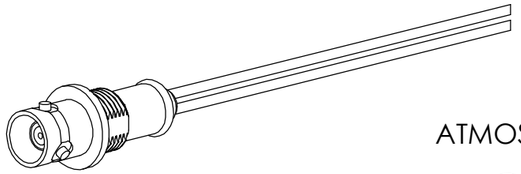
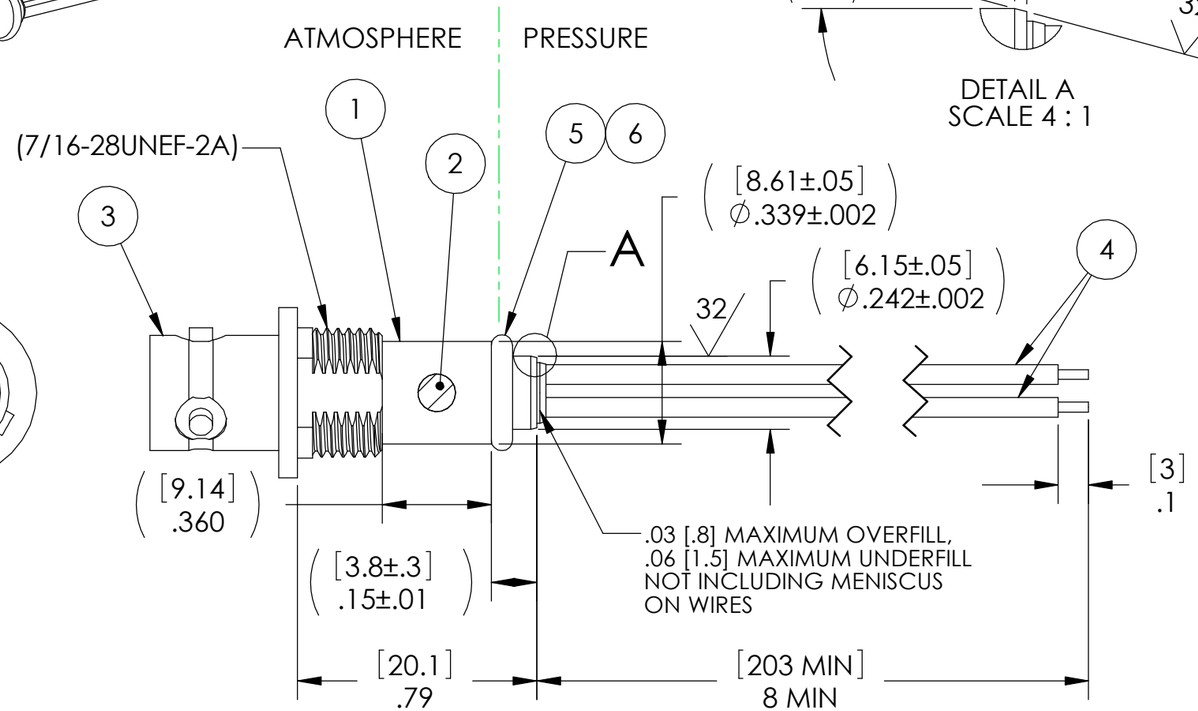
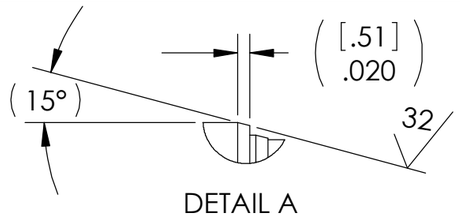
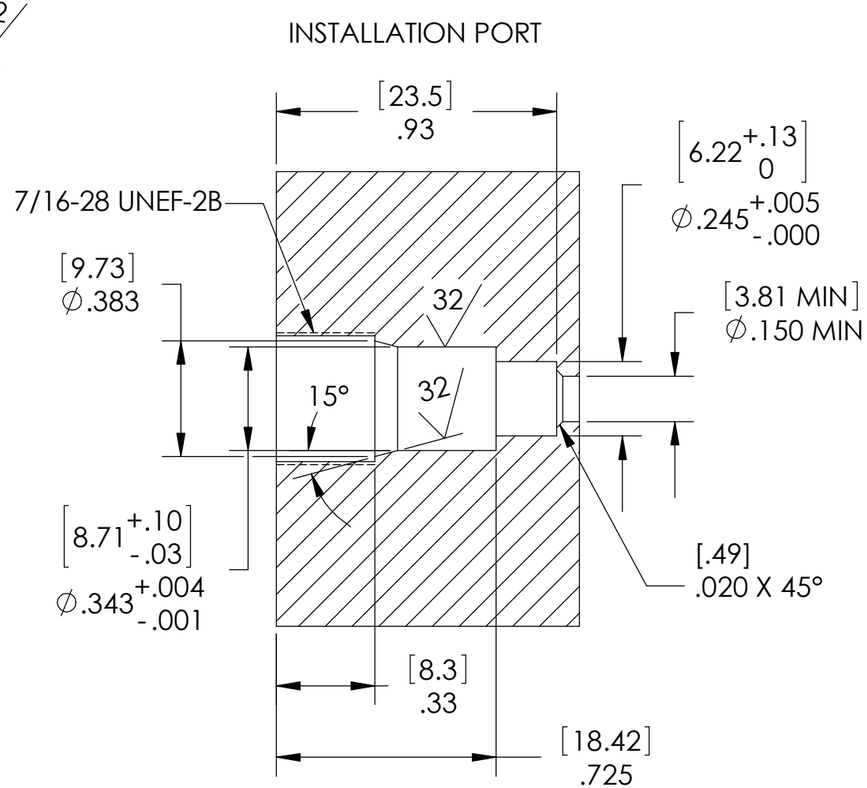






DETAIL A
SCALE 4 : 1



NOTES:

1. LEAK TEST: 80 PSI, NO BUBBLES 1 MINUTE MINIMUM. A GREEN PAINT DOT ON THE ATMOSPHERE SIDE OF THE FLANGE INDICATES THE PART HAS PASSED THE TEST.
2. HYPOT 630 VDC 500 MEGOHMS MINIMUM 0.01 SECOND MINIMUM WIRE TO WIRE AND HOUSING WITH MATING CONNECTOR.
3. CONTINUITY TEST: <0.5 OHM INSIDE SHIELD TO ONE WIRE END AND CENTER CONDUCTOR TO THE OTHER WIRE END.
4. ALL TESTS ARE PERFORMED AT ROOM TEMPERATURE.
5. ALL PARTS MUST PASS ALL TESTS.
6. REF-OPERATING TEMPERATURE RANGE -20˚C TO 150˚C.
7. DIMENSIONS ARE INCHES [millimeters].
8. 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
9. 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
6	A/R	PARKER O-LUBE	LUBRICANT O-RING BARIUM-BASED
5	1	-009 VITON	O-RING -009 VITON 75
4	2	GBA20P007	WIRE 20AWG PFA INSULATION 7/#28 NPC STRANDING RADIX
3	1	BJ77	FRONT MOUNT B/H JACK TWINAX 500MHz
2	A/R	PAVE-Seal 200	EPOXY BLACK
1	1	5970	HOUSING SP5.5-BNP

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

DESCRIPTION
SP5.5-BNP-200-2-PFA20-TWINAX-8

PART NUMBER
5960

MATERIAL NOTED

REVISION LEVEL A

PROJECTION