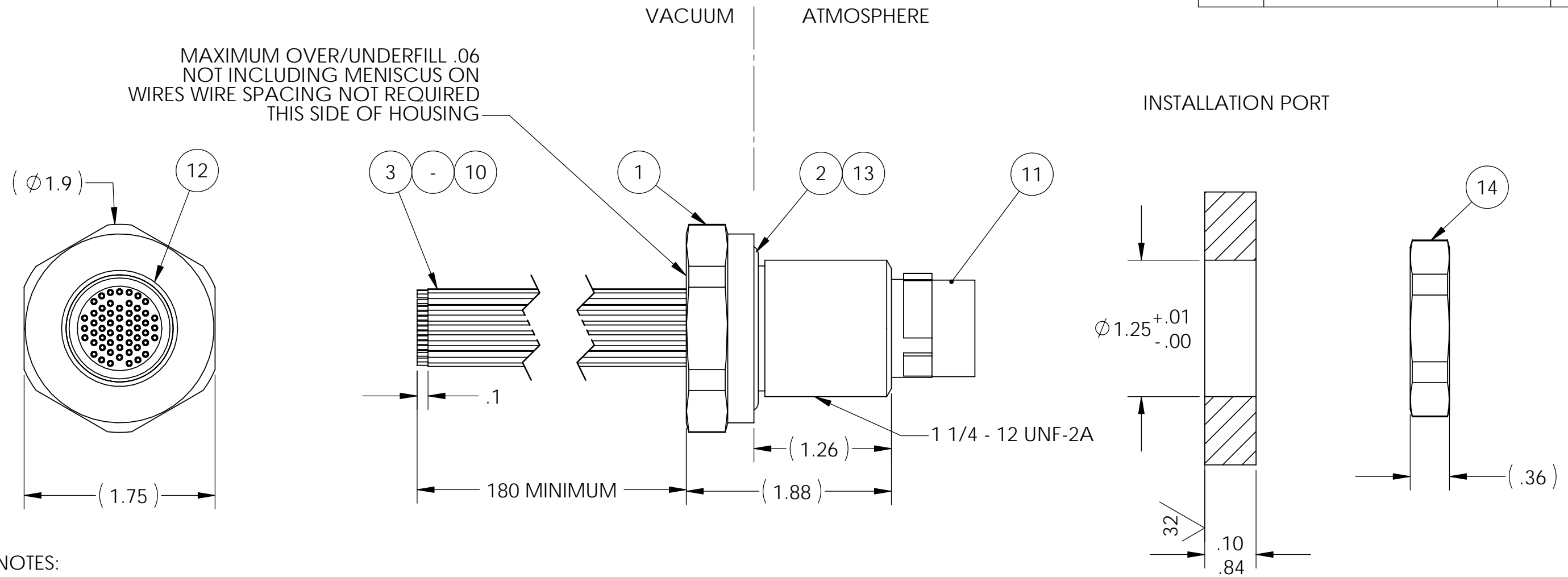


ISSUE LET.	ALTERATIONS	CHANGED BY	DATE
A	ADDED NOTE 2	AJH	JUL05



MAXIMUM OVER/UNDERFILL .06  
NOT INCLUDING MENISCUS ON  
WIRES WIRE SPACING NOT REQUIRED  
THIS SIDE OF HOUSING

INSTALLATION PORT

NOTES:

1. HE LEAK TEST @ 1 ATM <math>1 \times 10^{-7}</math> CC/SEC.
2. PART IS TESTED WITH VACUUM ON THREADED SIDE.
3. HYPOT 630 VDC 500 MEGOHMS MINIMUM 0.01 SECOND MINIMUM WIRE TO WIRE AND HOUSING.
4. CONTINUITY TEST ALL CONDUCTORS WITH MATING CONNECTOR <math>< 0.5</math> Ohms END TO END.
5. ALL TESTS ARE PERFORMED AT ROOM TEMPERATURE.
6. PERCENTAGE OF PARTS TESTED WILL BE 100% (MAY BE A LESSER PERCENTAGE FOR LARGE PRODUCTION QUANTITIES, UNLESS OTHERWISE NOTED OR REQUIRED).
7. WIRE POSITIONING IS APPROXIMATE & VARIABLE.
8. VOIDS SMALLER THAN  $\phi 0.035$  ARE ACCEPTABLE.
9. REF-OPERATING TEMPERATURE -20 °C TO 150 °C.
10. MATING CONNECTOR PART#38999/46FE35SN OR 38999/46FE35SA.
11. FOR 2882A, REPLACE ITEM 11 WITH "40FE35PA" (CLOCKED A).

14	1	1014	NUT VS18-SS
13	A/R	SUPER O-LUBE	LUBRICANT O-RING SILICONE-BASED
12	A/R	PAVE-Seal 150	EPOXY BLACK
11	1	40FE35PN	RCPT 55 #22 PINS
10	7	E22 GRAY	WIRE 22E MIL-W-16878/4 .010 7/#30
9	6	E22 YELLOW	WIRE 22E MIL-W-16878/4 .010 7/#30
8	7	E22 VIOLET	WIRE 22E MIL-W-16878/4 .010 7/#30
7	7	E22 RED	WIRE 22E MIL-W-16878/4 .010 7/#30
6	7	E22 ORANGE	WIRE 22E MIL-W-16878/4 .010 7/#30
5	7	E22 GREEN	WIRE 22E MIL-W-16878/4 .010 7/#30
4	7	E22 BROWN	WIRE 22E MIL-W-16878/4 .010 7/#30
3	7	E22 BLUE 7STR	WIRE 22E MIL-W-16878/4 .010 7/#30
2	1	-219 VITON	O-RING -219 VITON 75
1	1	0660	HOUSING VS18-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  
 VS18-SS-150-55-TE22-180-40FE35PN

MATERIAL NOTED

DR. BY AJH APPROVED BY DRAWN FROM HARGCS

CH'D BY DATE 26 MAY 05 SCALE 1:1

PART NUMBER 2882 REVISION LEVEL A PROJECTION

FINISH ALL DIMENSIONS AND TOLERANCES APPLY TO FINISHED PART IN INCHES.  
 ALLOWABLE TOLERANCES UNLESS SPECIFIED OTHERWISE: NONE  $\pm 0.5$   
 X.X DECIMAL  $\pm 0.1$  X.XX DECIMAL  $\pm 0.02$  X.XXX DECIMAL  $\pm 0.005$   
 ANGLES  $\pm 1$  DEGREE SURFACE FINISH 128 microinch RMS