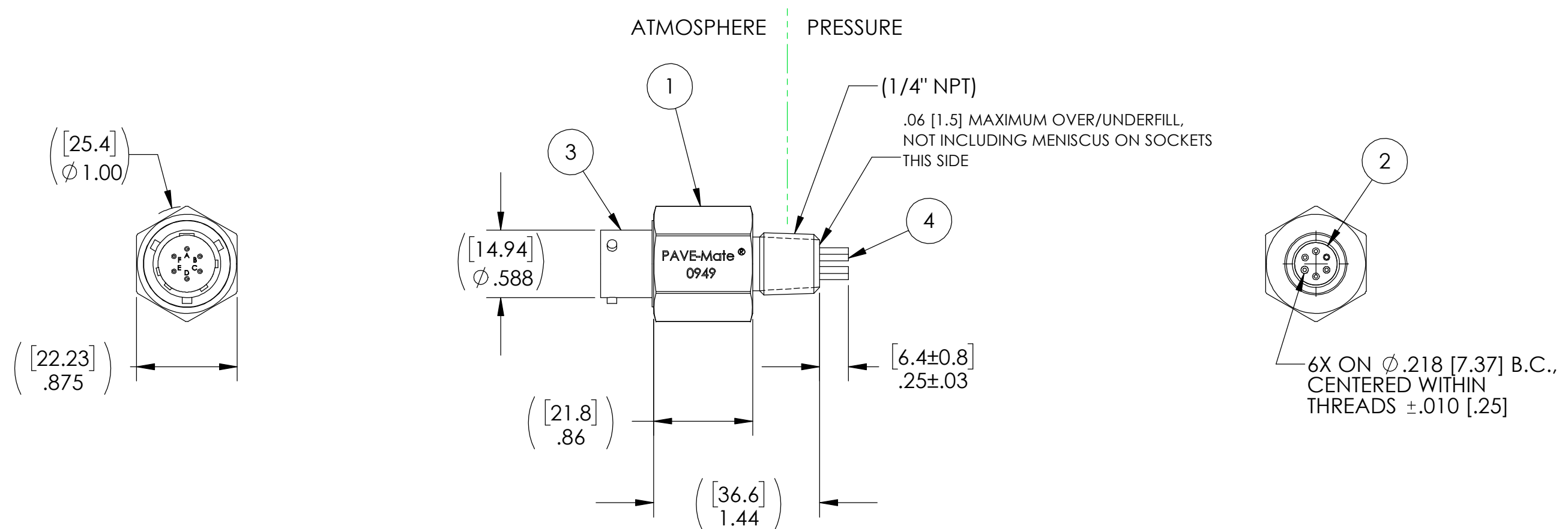




NOTES:

1. LEAK TEST: 80 PSI, NO BUBBLES 2 MINUTES 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 PIN TO PIN AND HOUSING WITH MATING PLUG.
3. CONTINUITY TEST: <0.5 OHM PIN TO SOCKET.
4. ALL TESTS ARE PERFORMED AT ROOM TEMPERATURE.
5. ALL PARTS MUST PASS ALL TESTS.
6. 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.
7. COSMETIC SURFACE VOIDS NOT ON O-RING SEALING SURFACES ARE ACCEPTABLE BASED ON THE SEAL'S DIAMETER:
 <= .5 [12.7] SEAL DIAMETER: ϕ .035 [.89] MAX ALLOWED VOID SIZE
 > .5 [12.7] SEAL DIAMETER: ϕ .060 [1.5] MAX ALLOWED VOID SIZE
8. REF-OPERATING TEMPERATURE RANGE -20°C TO 125°C.
9. DIMENSIONS ARE INCHES [millimeters].
10. 0949 ONLY: DOES NOT INCLUDE ITEMS 5, 6, OR 7 (NO PLUG).
 0949-1 ONLY: INCLUDES BOTH ITEMS 5 (MATING PLUG) AND 6 (STRAIN RELIEF).
 0949-2 ONLY: INCLUDES ITEM 7 (RIGHT ANGLE MATING PLUG WITH STRAIN RELIEF INCLUDED).

*SEE NOTE 10

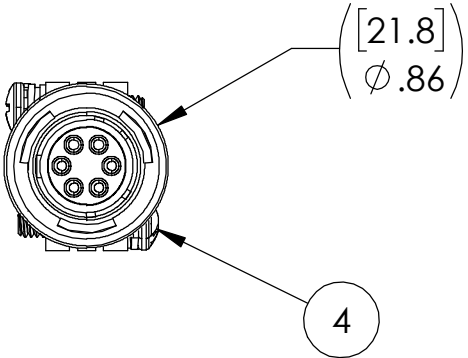
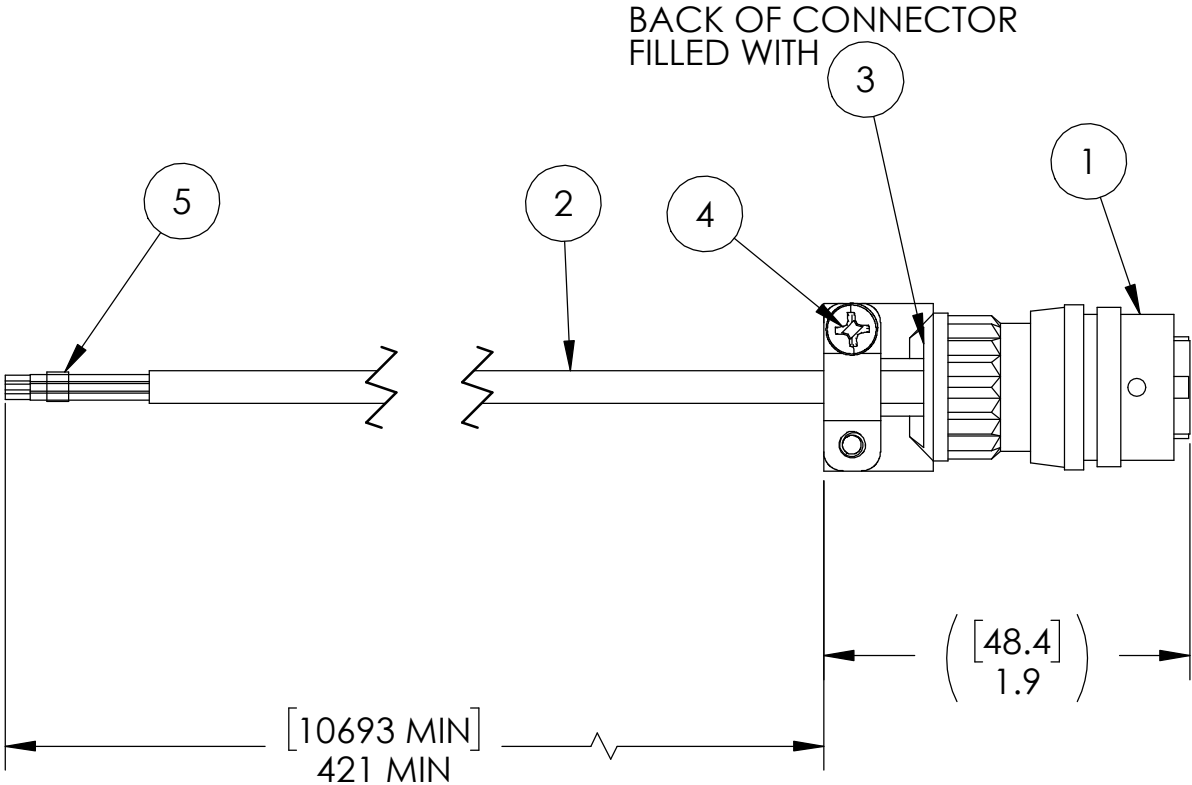
7	1*	SCPT08F10-6S	PLUG 6#20 SOCKET RIGHT ANGLE OLIVE DRAB W/ SR
6	1*	M85049/52-1-10N	STRAIN RELIEF
5	1*	MS3476L10-6S	PLUG 6#20 SOCKET CRIMP SERIES II
4	6	AMP #204351-1	CONTACT #22 SOCKET
3	1	SC3112E10-6P	RCPT 6#20 GOLD PLATED COPPER ALLOY PINS, NEOPRENE INSERT, NICKEL PLATED ALUMINUM SHELL
2	1	PAVE-Seal 150	EPOXY BLACK
1	1	3742	HOUSING PT4L-SS
ITEM	QTY	PART NUMBER	DESCRIPTION

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

DESCRIPTION	
PT4-SS-150-6-20-3112P-SOC	
PART NUMBER *SEE NOTE 10	MATERIAL NOTED
0949*	REVISION LEVEL J
PROJECTION	

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

A	RED
B	BLACK
C	BLUE
D	BROWN
E	GREEN
F	WHITE
N/C	DRAIN
POSITION	WIRE



NOTES:

1. HYPOT 630 VDC 500 MEGOHMS MINIMUM 0.01 SECOND MINIMUM WIRE TO WIRE AND SHELL WITH MATING CONNECTOR.
2. CONTINUITY TEST WIRE ENDS TO CONTACTS <1.0 OHM WITH MATING CONNECTOR.
3. ALL TESTS ARE PERFORMED AT ROOM TEMPERATURE.
4. ALL PARTS MUST PASS ALL TESTS.
5. WIRE SWILL BE LABELED WITH LETTERS AS SHOWN PER THE SCHEMATIC.
6. DIMENSIONS ARE INCHES [millimeters].
7. COSMETIC SURFACE VOIDS NOT ON O-RING SEALING SURFACES ARE ACCEPTABLE BASED ON THE SEAL'S DIAMETER:
 <= .5 [12.7] SEAL DIAMETER: ϕ .035 [.89] MAX ALLOWED VOID SIZE
 > .5 [12.7] SEAL DIAMETER: ϕ .060 [1.5] MAX ALLOWED VOID SIZE

PAVE#	ITEM 1 PART#	ITEM 1 DESCRIPTION	PAVE DESCRIPTION
0821	SC3116F10-6S	PLUG 6 #20 ELECTROLESS NICKEL PLATED SOC	SC3116F10-6SAS4530/6-35'
0821P	SC3116F10-6P	PLUG 6 #20 ELECTROLESS NICKEL PLATED PIN	SC3116F10-6PAS4530/6-35'

5	5	BRADY WIRE MARKERS	WIRE MARKER BRADY (A-F)
4	2	6-32X.625 SEMS	SCREW 6-32X5/8 SS SEMS W/SPLIT LOCK WASHER
3	A/R	PAVE-Seal 150	EPOXY BLACK
2	1	PVC 6C #22	CABLE 6/C #22 (7/30) TEF/FOIL/SHIELD/FEP
1	1	SEE TABLE	SEE TABLE
ITEM	QTY	PART#	DESCRIPTION

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

DESCRIPTION

*SEE TABLE

PART NUMBER

0821*

MATERIAL

NOTED

REVISION LEVEL

G

PROJECTION

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