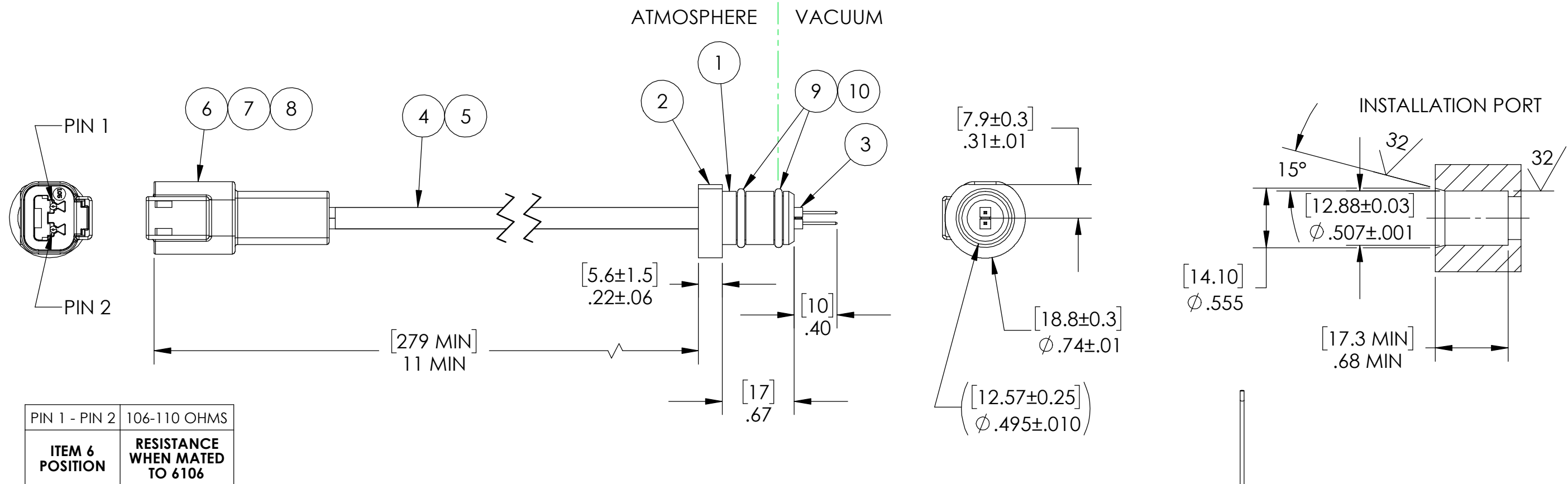


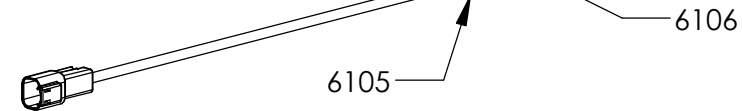


NOTES:

1. HE LEAK TEST @ 1 ATM. 1X10⁻⁸ CC/SEC OR LESS. A GREEN PAINT DOT INDICATES THE PART HAS PASSED THE TEST.
2. HYPOT 630 VDC 500 MEGOHMS MINIMUM 0.01 SECOND MINIMUM WIRE TO WIRE AND HOUSING.
3. CONTINUITY TEST WITH MATING CONNECTOR & PAVE 6106 PER TABLE.
4. ALCOHOL OR FOMBLIN YVAC 3 MAY BE USED TO LUBRICATE O-RINGS FOR VACUUM HELIUM LEAK TESTING.
5. ALL TESTS ARE PERFORMED AT ROOM TEMPERATURE.
6. ALL PARTS MUST PASS ALL TESTS.
7. WIRE POSITIONING IS APPROXIMATE & VARIABLE.
8. COSMETIC SURFACE VOIDS NOT ON O-RING SEALING SURFACES ARE ACCEPTABLE BASED ON THE SEAL'S DIAMETER:
≤ .5 [12.7] SEAL DIAMETER: Ø .035 [.89] MAX ALLOWED VOID SIZE
> .5 [12.7] SEAL DIAMETER: Ø .060 [1.5] MAX ALLOWED VOID SIZE
9. REF-OPERATING TEMPERATURE RANGE -20 °C TO 105 °C.
10. REF-PARTS ARE DEFLASHED ON PARTING LINE +0.005 [0.13] MAXIMUM.
11. DIMENSIONS ARE INCHES [millimeters].
12. 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.

MATED VIEW
SCALE 1:4

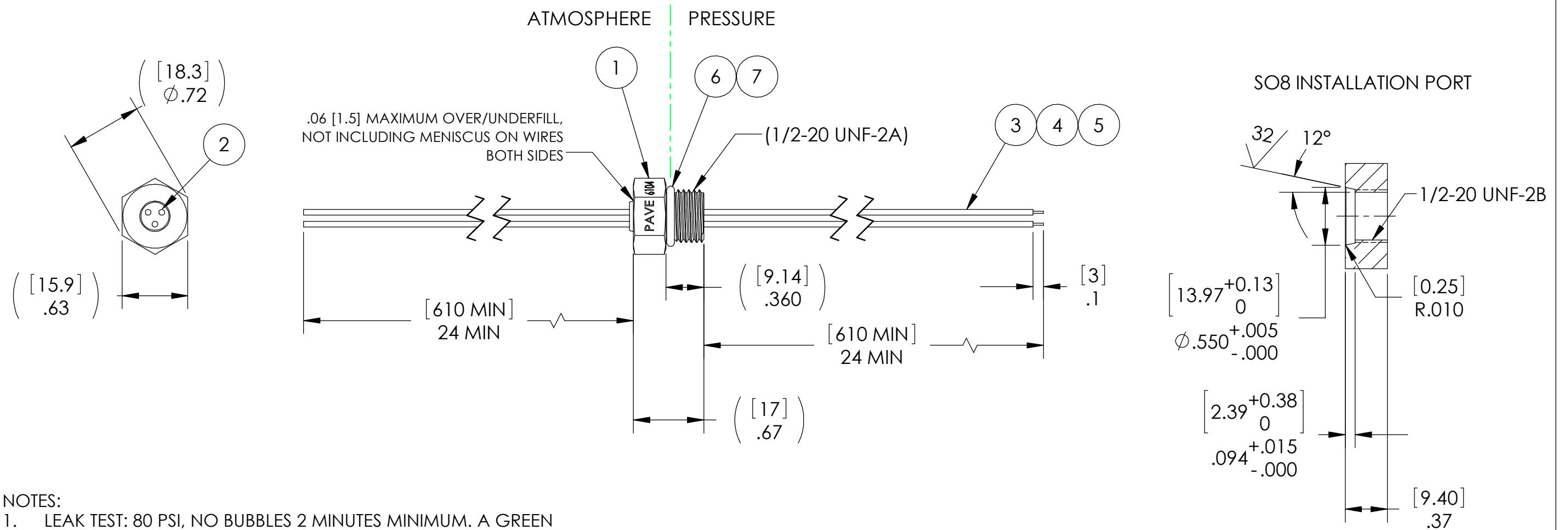
MATE 6106 SO CABLE
EXITS SAME SIDE AS
"D" FLAT ON 6105



10	A/R	FOMBLIN YVAC 3	LUBRICANT O-RING FOMBLIN GREASE
9	2	-012 VITON	O-RING -012 VITON 75
8	1	W2P	LOCK WEDGE 2 PIN D.T. SERIES
7	2	0460-202-16141	CONTACT #16 CRIMP DEUTSCH LOOSE
6	1	DT04-2P	RECEPTACLE ASSEMBLY 2 POS D.T. SERIES
5	1	FIT-105-3/16	TUBING SHRINK 3/16" IRR. PVC ALPHA MIL-I-23053/2C BLK
4	2	PC18 UL1015 BLK	WIRE 18PVC UL1015 .032 16/#30
3	1	HTSW-102-14-L-S	CONNECTOR 2 PIN HEADER
2	A/R	PAVE-Seal 150	EPOXY BLACK
1	1	1226A	HOUSING SP8A-E
ITEM	QTY	PART NUMBER	DESCRIPTION

PAVE technology co. 2751 Thunderhawk Court Dayton, OH 45414-3445 U.S.A. tel (937) 890-1100 fax (937) 8905165 www.pavetechnologyco.com	
DESCRIPTION SP8A-E-150-2-PC18-12-P	
PART NUMBER 6105	MATERIAL NOTED
REVISION LEVEL -	PROJECTION ☉

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



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 WIRE TO WIRE AND HOUSING.
3. ALL TESTS ARE PERFORMED AT ROOM TEMPERATURE.
4. ALL PARTS MUST PASS ALL TESTS.
5. WIRE POSITIONING IS APPROXIMATE & COLOR POSITIONS MAY VARY.
6. WIRES ARE NOT REQUIRED TO BEND SHARPLY AT EPOXY SEAL SURFACE.
7. COSMETIC SURFACE VOIDS NOT ON O-RING SEALING SURFACES ARE ACCEPTABLE BASED ON THE SEAL'S DIAMETER:
 $\leq .5$ [12.7] SEAL DIAMETER: $\phi .035$ [.89] MAX ALLOWED VOID SIZE
 $> .5$ [12.7] SEAL DIAMETER: $\phi .060$ [1.5] MAX ALLOWED VOID SIZE
8. REF-OPERATING TEMPERATURE RANGE -20°C TO 125°C.
9. DIMENSIONS ARE INCHES [millimeters].
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.

7	A/R	PARKER O-LUBE	LUBRICANT O-RING BARIUM-BASED
6	1	-905 VITON	O-RING -905 VITON 75
5	1	EE24 RED 7STRD	WIRE 24EE MIL-W-16878/5 .014 7/#32
4	1	EE24 GRN 7STRD	WIRE 24EE MIL-W-16878/5 .014 7/#32
3	1	EE24 WHT 7STRD	WIRE 24EE MIL-W-16878/5 .014 7/#32
2	A/R	PAVE-Seal 150	EPOXY BLACK
1	1	2074	HOUSING SO8S-SS (300 SERIES 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 SO8-SS-150-3-TEE24-24-24	
PART NUMBER	MATERIAL	NOTED	
6104	REVISION LEVEL	-	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