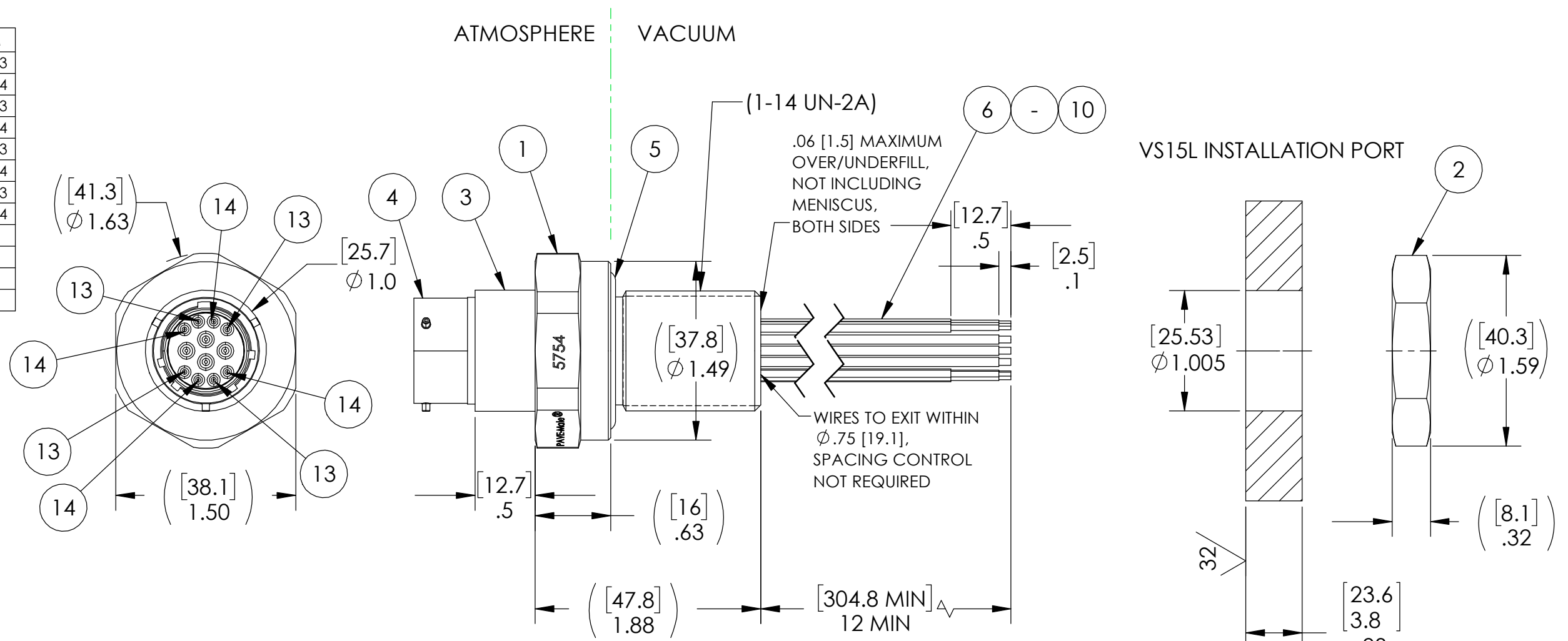


PIN OUT TABLE

POS	COLOR	ITEM
A	RED	10&13
B	YELLOW	10&14
C	RED	10&13
D	YELLOW	10&14
E	RED	10&13
F	YELLOW	10&14
G	RED	10&13
H	YELLOW	10&14
J	BLACK	6
K	GRAY	9
L	RED	8
M	WHITE	7



NOTES:

- HE LEAK TEST @ 1 ATM.  $1 \times 10^{-7}$  CC/SEC OR LESS. A GREEN PAINT DOT ON THE ATMOSPHERE SIDE INDICATES THE PART HAS PASSED THE TEST.
- HYPOT 630 VDC 500 MEGOHMS MINIMUM 0.01 SECOND MINIMUM WIRE TO WIRE AND HOUSING WITH MATING CONNECTOR.
- CONTINUITY TEST <1.0 OHM MATING CONNECTOR TO WIRE ENDS.
- ALL TESTS ARE PERFORMED AT ROOM TEMPERATURE.
- ALL PARTS MUST PASS ALL TESTS.
- REF-OPERATING TEMPERATURE RANGE  $-20^{\circ}\text{C}$  TO  $125^{\circ}\text{C}$ .
- 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
- 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.
- DIMENSIONS ARE INCHES [millimeters].
- ALCOHOL OR FOMBLIN YVAC 3 MAY BE USED TO LUBRICATE O-RINGS FOR VACUUM HELIUM LEAK TESTING.
- ITEMS 11, 12, 15 & 16 ARE INCLUDED, NOT SHOWN

16	4	M39029/10-141	CONTACT #20 SOCKET CHROMEL
15	4	M39029/10-140	CONTACT #20 SOCKET ALUMEL
14	4	M39029/9-135	CONTACT #20 PIN CHROMEL
13	4	M39029/9-134	CONTACT #20 PIN ALUMEL
12	1	M85049/52-1-14N	STRAIN RELIEF CLAMP SHELL SIZE 14, STRAIGHT, NON SELF-LOCKING, NICKEL PLATED ALUMINUM
11	1	MS3476L14-12S	PLUG 12(8#20/4#16) GOLD PLATED COPPER ALLOY CRIMP SOCKETSS, RIGID DIELECTRIC INSERT, SILICONE GROMMET, NICKEL PLATED ALUMINUM SHELL
10	4	KT20	CABLE T/C TYPE K 20AWG TEFLON
9	1	E16 GRAY	WIRE 16E MIL-W-16878/4 .010 19/#29
8	1	E16 RED	WIRE 16E MIL-W-16878/4 .010 19/#29
7	1	E16 WHITE	WIRE 16E MIL-W-16878/4 .010 19/#29
6	1	E16 BLACK	WIRE 16E MIL-W-16878/4 .010 19/#29
5	1	-215 VITON	O-RING -215 VITON 75
4	1	MS3470L14-12P	RCPT 12(8#20/4#16) CRIMP PINS
3	A/R	PAVE-Seal 150	EPOXY BLACK
2	1	0183	NUT VS15-SS
1	1	0161	HOUSING VS15L-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

**PAVE technology co.**

DESCRIPTION  
VS15L-SS-150-4P/4-KT20/TE16-3470P-12

PART NUMBER  
**5754**

MATERIAL NOTED

REVISION LEVEL  
B

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