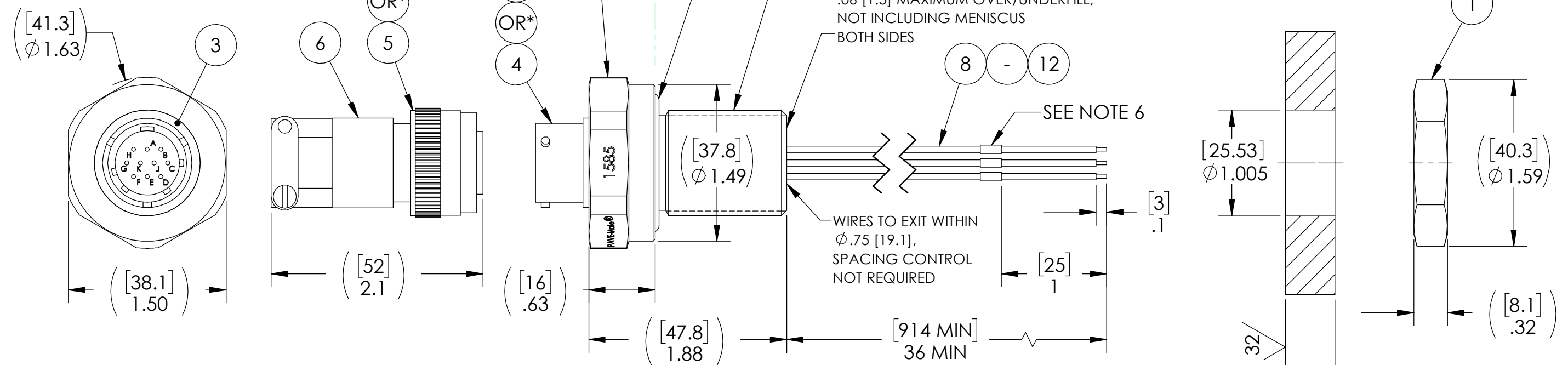


PIN OUT TABLE

POS	COLOR	POS	COLOR
A	ORANGE	F	GREEN
B	YELLOW	G	GRAY
C	WHITE	H	YELLOW
D	GREEN	J	WHITE
E	ORANGE	K	GRAY



NOTES:

- HE LEAK TEST @ 1 ATM. 1×10^{-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.
- WIRES WILL BE MARKED WITH BRADY WIRE MARKERS WHERE SHOWN USING A UNIQUE LETTER PER PIN OUT TABLE.
- REF-OPERATING TEMPERATURE RANGE -20 °C TO 125 °C.
- COSMETIC SURFACE VOIDS NOT ON O-RING SEALING SURFACES ARE ACCEPTABLE BASED ON THE SEAL'S DIAMETER:
 <= .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].
- PAVE# 1585R USES ITEMS 13 & 14 INSTEAD OF 4 & 5, RESULTING IN A DESCRIPTION THAT READS 3112S INSTEAD OF 3112P.
- ALCOHOL OR FOMBLIN YVAC 3 MAY BE USED TO LUBRICATE O-RINGS FOR VACUUM HELIUM LEAK TESTING.

ITEM	QTY	PART NUMBER	DESCRIPTION
14	1	SEE NOTE 11 MS3476L12-10P	PLUG 10#20 GOLD PLATED COPPER ALLOY CRIMP PINS, RIGID DIELECTRIC INSERT, SILICONE GROMMET, NICKEL PLATED ALUMINUM SHELL
13	1	SEE NOTE 11 AE771L12-10S460	RCPT 10#20 GOLD PLATED COPPER ALLOY SOCKETS, EPOXY INSERT, NICKEL PLATED ALUMINUM SHELL
12	2	E20 GRAY	WIRE 20E MIL-W-16878/4 .010 7/#28
11	2	E20 GREEN	WIRE 20E MIL-W-16878/4 .010 7/#28
10	2	E20 ORG	WIRE 20E MIL-W-16878/4 .010 7/#28
9	2	E20 YELLOW	WIRE 20E MIL-W-16878/4 .010 7/#28
8	2	E20 WHITE	WIRE 20E MIL-W-16878/4 .010 7/#28
7	1	-215 VITON	O-RING -215 VITON 75
6	1	M85049/52-1-12N	STRAIN RELIEF CLAMP SHELL SIZE 12, STRAIGHT, NON SELF-LOCKING, NICKEL PLATED ALUMINUM
5	1	MS3476L12-10S	PLUG 10#20 GOLD PLATED COPPER ALLOY CRIMP SOCKETS, RIGID DIELECTRIC INSERT, SILICONE GROMMET, NICKEL PLATED ALUMINUM SHELL
4	1	SC3112E12-10P	RCPT 10#20 GOLD PLATED COPPER ALLOY PINS, NEOPRENE INSERT, NICKEL PLATED ALUMINUM SHELL
3	A/R	PAVE-Seal 150	EPOXY BLACK
2	1	0183	NUT VS15-SS
1	1	0161	HOUSING VS15L-SS

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

DESCRIPTION	VS15L-SS-150-10-TE20-3112P*-36		
PART NUMBER *SEE NOTE 11	MATERIAL	NOTED	
1585*	REVISION LEVEL	H	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