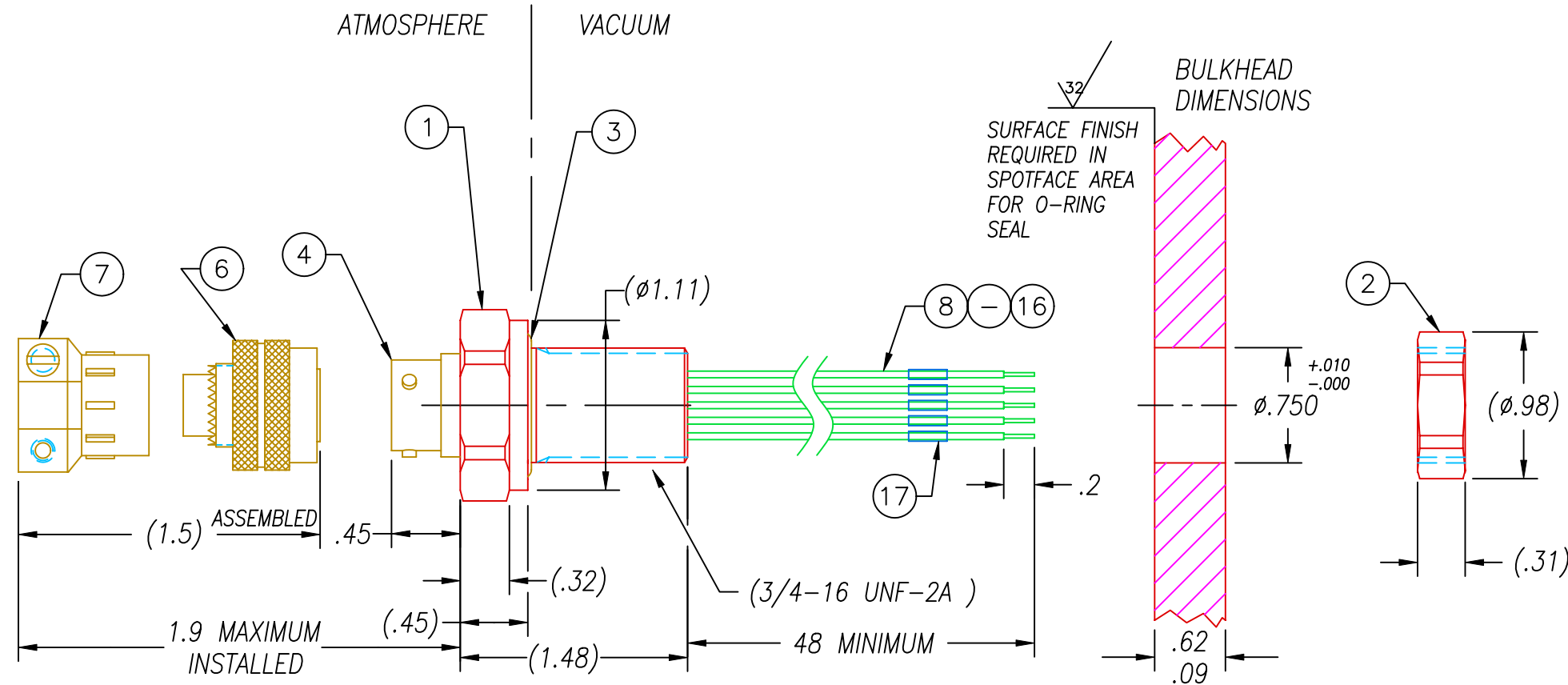


PINOUT TABLE

PIN	COLOR	PIN	COLOR
1	BROWN	8	WHITE
2	RED	9	BLACK
3	ORANGE	10	ORANGE
4	YELLOW	11	YELLOW
5	BLUE	12	GRAY
6	VIOLET	13	WHITE
7	GRAY		



- NOTES:
1. HE LEAK TEST @1 ATM.  $10 \times 10^{-8}$  CC/S OR LESS.
  2. HYPOT 630 VDC 500 MEGOHMS .01 SEC MINIMUM, WIRE TO WIRE & HOUSING.
  3. CONTINUITY TEST WITH MATING PLUG ALL WIRES < 1.0 OHM.
  4. ALL TESTS ARE DONE AT ROOM TEMPERATURE.
  5. ALL PARTS MUST PASS ALL TESTS.
  6. ADD (NP) TO END OF ORDER CODE TO INDICATE ASSEMBLY LESS MATING PLUG (ITEM 6) AND STRAIN RELIEF (ITEM 7).
  7. THE ELECTRICAL CONTACT BETWEEN ITEMS 1 AND 4 IS NOT CONTROLLED.
  8. WIRES ARE NOT REQUIRED TO BEND SHARPLY AT EPOXY SEAL SURFACE.
  9. NO VOIDS LARGER THAN  $\phi.035$  ARE ACCEPTABLE.

17	13	BRADY MARKER	WIRE MARKERS #1-13
16	2	E22 ORANGE	WIRE 22E MIL-W-16878/4 .010 7STR
15	2	E22 WHITE	WIRE 22E MIL-W-16878/4 .010 7STR
14	2	E22 GRAY	WIRE 22E MIL-W-16878/4 .010 7STR
13	2	E22 YELLOW	WIRE 22E MIL-W-16878/4 .010 7STR
12	1	E22 RED	WIRE 22E MIL-W-16878/4 .010 7STR
11	1	E22 BLACK	WIRE 22E MIL-W-16878/4 .010 7STR
10	1	E22 VIOLET	WIRE 22E MIL-W-16878/4 .010 7STR
9	1	E22 BROWN	WIRE 22E MIL-W-16878/4 .010 7STR
8	1	E22 BLUE	WIRE 22E MIL-W-16878/4 .010 7STR
7	1	SEE NOTE 6 M85049/49-2-10N	S/R FOR MS27506*2
6	1	SEE NOTE 6 MS27473T10F35S	PLUG 13#22 SOCKETS 38999 SERIES 2
5	A/R	PAVE-Seal 150	EPOXY BLACK
4	1	MS27508E10F35P	RCPT 13#22 PINS 38999 SERIES 2
3	1	-116 VITON	O-RING -116 VITON 75
2	1	8L5N-B	NUT VS12-B
1	1	3241	HOUSING VS12L-AL
ITEM	QTY	PART #	DESCRIPTION

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

2751 Thunderhawk Court  
 Dayton, Ohio 45414-3445  
 U.S.A.  
 (937)890-1100  
 fax (937)890-5165  
 www.pavetechnologyco.com

**PAVE technology co.**

DESCRIPTION **PAVE-Mate II Connectors**  
**VS12L-AL-150-13-TE22-27508P-48**

PART NUMBER **1666**

REVISION LEVEL **J**

PROJECTION