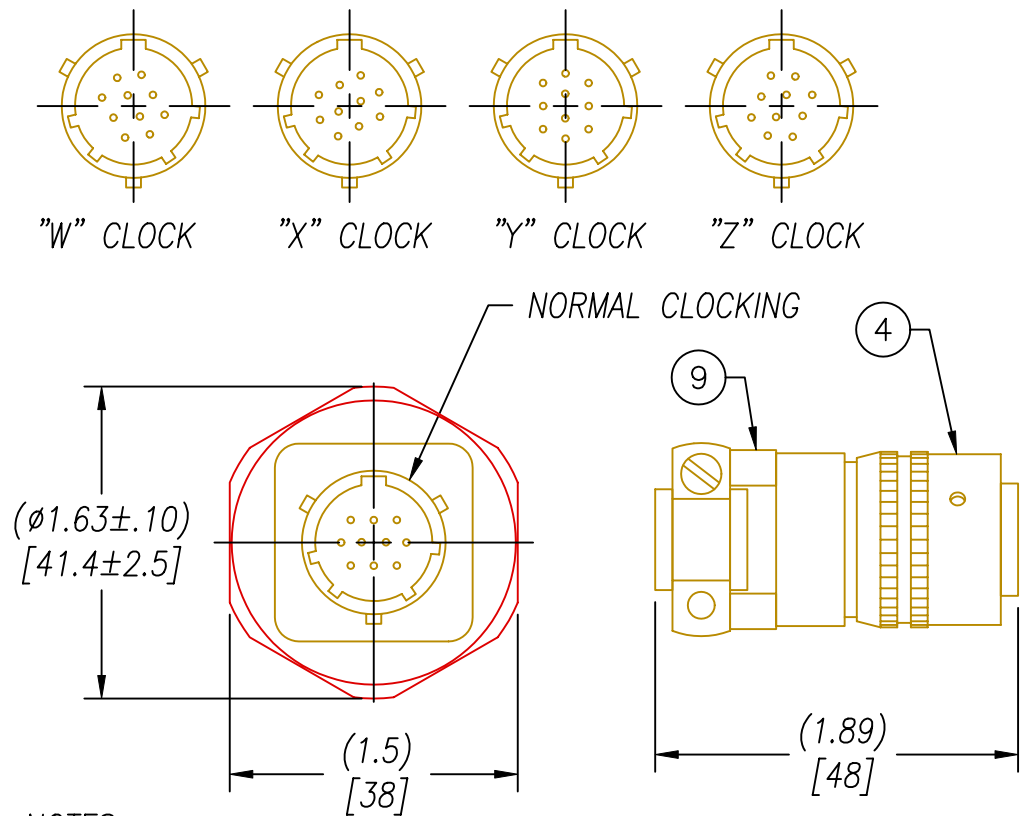
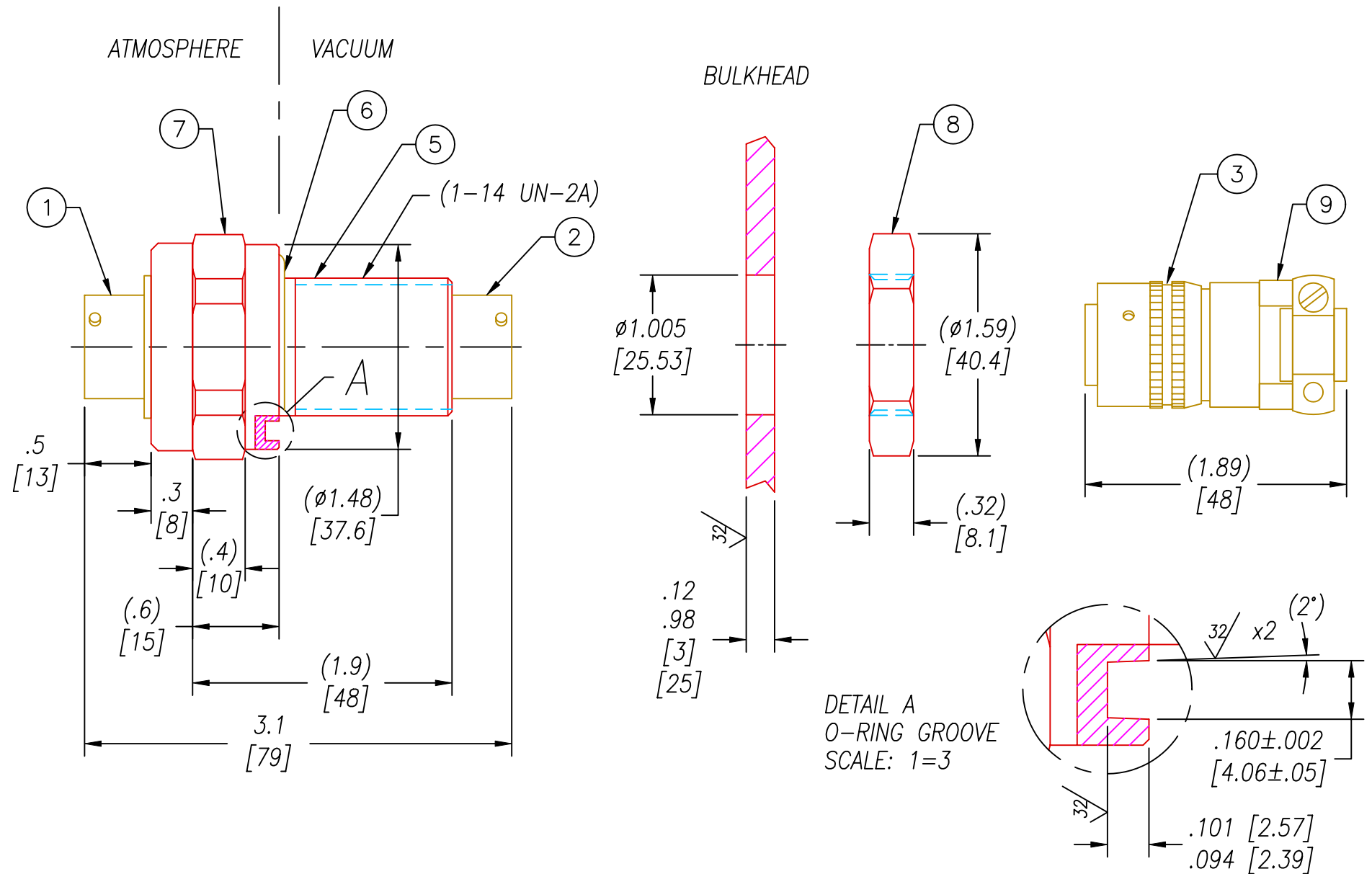


FACE VIEW OF (ITEM 1) PIN INSERTS



NOTES:

1. HE LEAK TEST @1 ATM.  $10 \times 10^{-8}$  CC/S OR LESS.
2. HYPOT 630 VDC 500 MEGOHMS 0.01 SEC MINIMUM, PINS TO SOCKETS & THREADS W/MATING PLUGS.
3. ALTERNATE CLOCKING (W, X, Y OR Z) IS INDICATED BY APPENDING THE APPROPRIATE LETTER TO THE PART NUMBER AND TO THE PAVE ORDER CODE. THE SAME LETTER IS THEN ADDED TO ITEMS 1 THRU 4 (E.G., FOR AN X CLOCK 1656\* USE "1656X" & ITEM 1 IS SC3112E12-10PX.).
4. ADDING "NP" TO PART NUMBER & ORDER CODE INDICATES THAT ITEMS 3, 4 & 9 ARE NOT TO BE INCLUDED.
5. ADDING "+PT" TO PART NUMBER & ORDER CODE INDICATES A 200PSI HELIUM TEST THREAD SIDE  $10 \times 10^{-7}$  CC/S OR LESS.
6. ALL TESTS DONE AT ROOM TEMPERATURE.
7. TORQUE LABEL -PAVE (1656\*) Dayton, OH USA TIGHTEN TO 27.12 Nm MAXIMUM
8. THERMAL CYCLE PRIOR TO LEAK TESTING, -40°C TO 125°C 3 CYCLES, 2 HR HOLD.
9. REF-OPERATING TEMPERATURE -20°C TO 125°C.
10. NO VOIDS ARE ACCEPTABLE ON O-RING SEALING SURFACES, VOIDS SMALLER THAN  $\phi .035$  [.89] ARE ACCEPTABLE ON ALL OTHER SURFACES.
11. DIMENSIONS ARE INCHES [millimeters].



9	2	M85049/52-1-12N	STRAIN RELIEF FOR MS3476L12-10 P&S
8	1	0183	NUT VS15-SS
7	A/R	PAVE-Seal 150	EPOXY BLACK
6	1	-215 VITON	O-RING -215 VITON 75
5	1	0181	INSERT VS15L-SS
4	1	MS3476L12-10S	PLUG 10#20 SOC CRIMP SERIES II
3	1	776L12-10P460	PLUG 10#20 EPOXY INSERT
2	1	771L12-10S460	RCPT 10#20 EPOXY INSERT SOCKET
1	1	SC3112E12-10P	RCPT 10 #20 PINS
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  
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 (937)890-1100  
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 www.pavetechnologyco.com

**PAVE technology co.**

DESCRIPTION **PAVE-Mate I Connectors**  
**VS15L-E-150-10-20-3112PS**

PART NUMBER **1656**

REVISION LEVEL **J**

PROJECTION