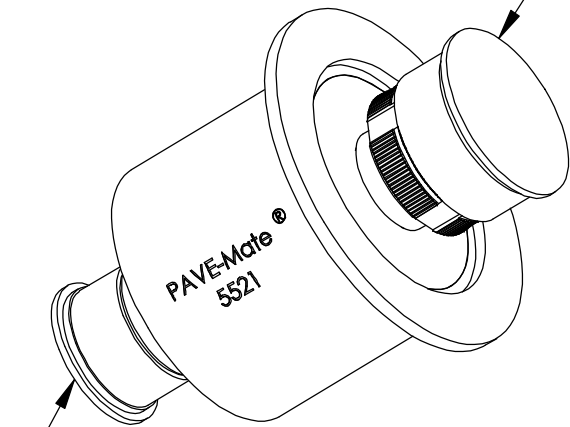
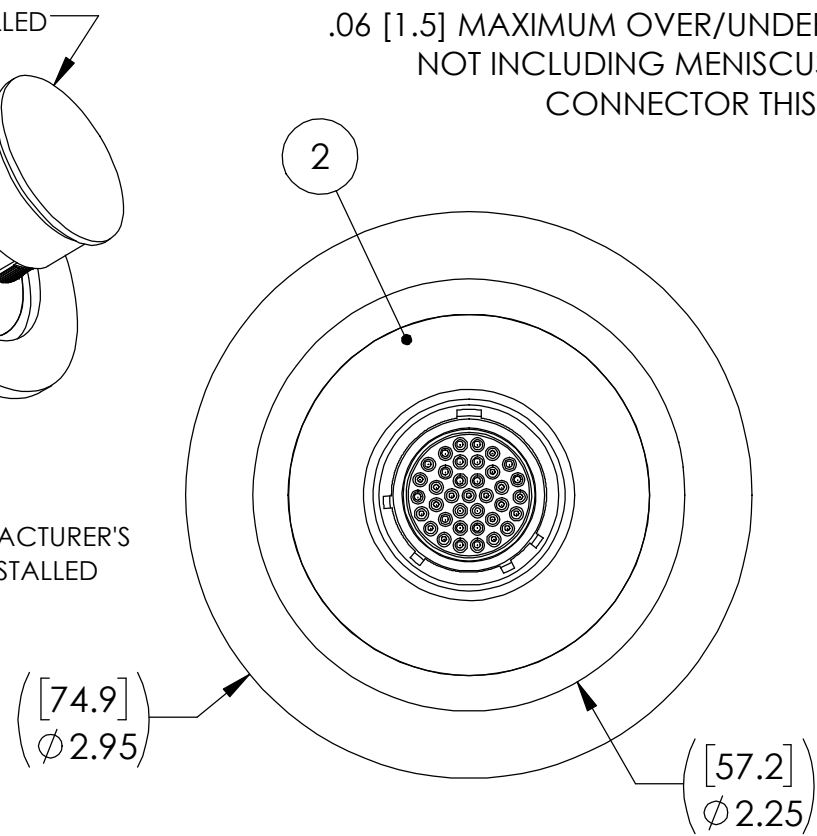


REF-ASSEMBLY  
SCALE: 2:3

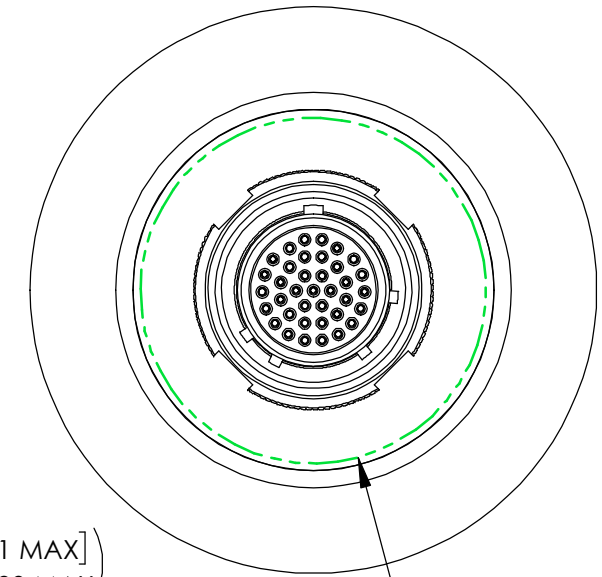
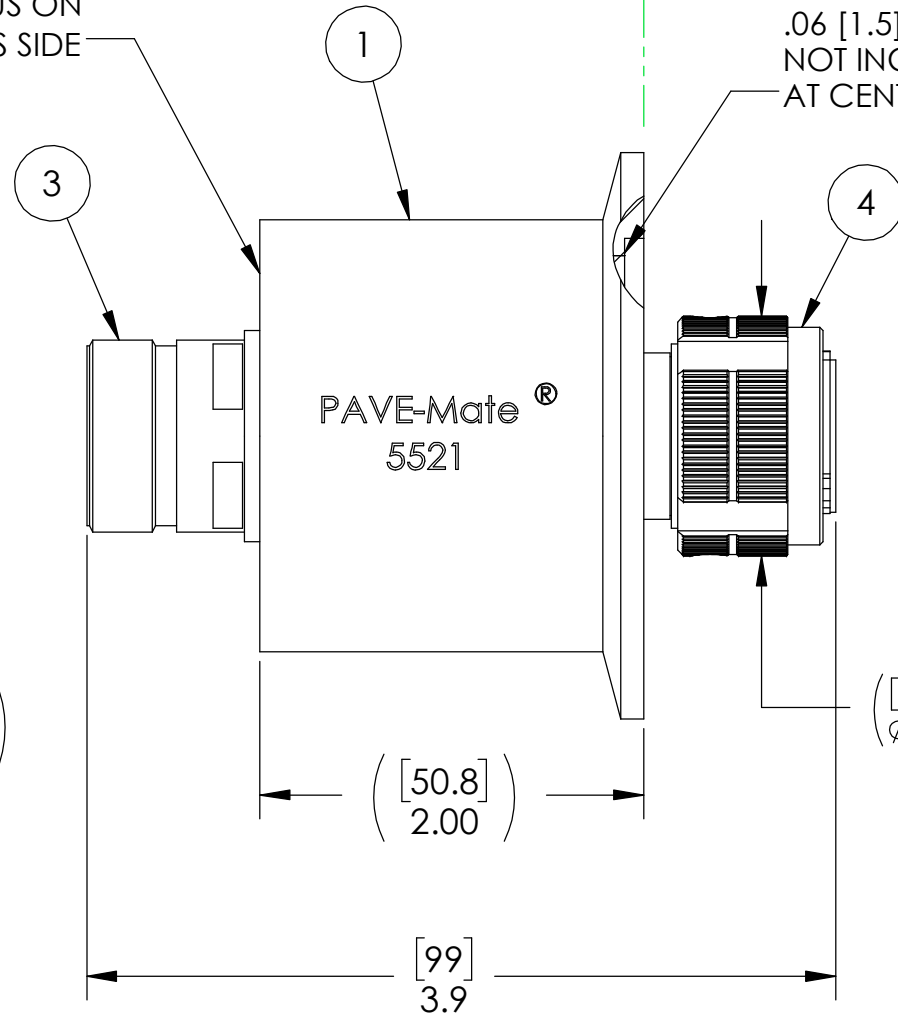
ASSEMBLY SHIPS WITH MAUNFACTURER'S  
PROTECTIVE PLASTIC CAPS INSTALLED



ASSEMBLY SHIPS WITH MAUNFACTURER'S  
PROTECTIVE PLASTIC CAPS INSTALLED



ATMOSPHERE | VACUUM



NOTES:

- HE LEAK TEST @ 1 ATM.  $1 \times 10^{-6}$  CC/SEC OR LESS. A GREEN PAINT DOT ON THE ATMOSPHERE SIDE INDICATES THE PART HAS PASSED THE TEST.
- HYPOT 1000 VDC 500 MEGOHMS MINIMUM 0.01 SECOND MINIMUM PIN TO PIN AND HOUSING.
- CONTINUTY TEST <1.0 OHM PIN TO SOCKET WITH MATING CONNECTORS.
- ALCOHOL OR FOMBLIN YVAC 3 MAY BE USED TO LUBRICATE O-RINGS FOR VACUUM HELIUM LEAK TESTING.
- ALL TESTS ARE PERFORMED AT ROOM TEMPERATURE.
- ALL PARTS MUST PASS ALL TESTS.
- 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
- REF-OPERATING TEMPERATURE RANGE  $-20^{\circ}\text{C}$  TO  $125^{\circ}\text{C}$ .
- DIMENSIONS ARE INCHES [millimeters].
- 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.

4	1	26FD35SN	PLUG 37#22 SOCKET NICKEL PLATED ALUMINUM SHELL GOLD PLATED COPPER ALLOY CRIMP CONTACTS
3	1	20FD35PN	RCPT 37#22 PIN NICKEL PLATED ALUMINUM SHELL GOLD PLATED COPPER ALLOY CONTACTS
2	A/R	PAVE-Seal 150	EPOXY BLACK
1	1	4962	HOUSING NW50-SS
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  
NW50-SS-150-37-22-99920/26PS

PART NUMBER MATERIAL NOTED

5521

REVISION LEVEL -

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