



**NOTES:**

1. LEAK TEST: N<sub>2</sub> @ 80 PSI, NO BUBBLES 4 MINUTES MINIMUM. TEST TO BE PERFORMED WITH PRESSURE ON THE THREAD SIDE OF HOUSING, PART TO BE USED WITH PRESSURE ON THE HEX SIDE OF HOUSING. A GREEN PAINT DOT INDICATES PART HAS PASSED THE TEST.
2. HYPOT 630 VDC 500 M $\Omega$  0.01 SECOND MINIMUM, WIRE TO WIRE & HOUSING.
3. ALL TESTS ARE PERFORMED AT ROOM TEMPERATURE.
4. ALL PARTS MUST PASS ALL TESTS.
5. WIRE POSITIONING IS APPROXIMATE & VARIABLE.
6. WIRES ARE NOT REQUIRED TO BEND SHARPLY AT EPOXY SEAL SURFACE.
7. 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
8. MARK EACH WIRE WITH A UNIQUE NUMBER, 1 THROUGH 14, USING THE SAME NUMBER ON BOTH ENDS OF THE SAME WIRE.
9. REF-OPERATING TEMPERATURE -20 °C TO 125 °C.
10. DIMENSIONS ARE INCHES [millimeters].
11. 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.
12. TZ14 WIRE COLOR IS VARIABLE.

6	14	TZ14 ANY COLOR	WIRE 14TZ (ANY COLOR)
5	28	BRADY WIRE MARKERS	WIRE MARKER BRADY (NUMBERED 1-14)
4	A/R	PAVE-Seal 150	EPOXY BLACK
3	1	-224 VITON	O-RING -224 VITON 75
2	1	0189/304SS	HOUSING VS22-SS
1	1	0199	NUT VS22-SS
<b>ITEM</b>	<b>QTY</b>	<b>PART NUMBER</b>	<b>DESCRIPTION</b>

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

**PAVE technology co.**

DESCRIPTION  
VS22-304SS-150-14-TZ14-72-24

PART NUMBER  
**2696**

MATERIAL NOTED

REVISION LEVEL  
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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