



**NOTES:**

1. HE LEAK TEST AT 1 ATM 1X10<sup>-6</sup>CC/SEC OR LESS. A GREEN PAINT DOT INDICATES THE PART HAS PASSED THIS TEST
2. HYPOT 1000 VDC 500 MEGOHMS MINIMUM 0.01 SECOND MINIMUM, CONTACTS TO CONTACTS & HOUSING WITH MATING PLUGS.
3. ALL TESTS ARE PERFORMED AT ROOM TEMPERATURE.
4. ALL PARTS MUST PASS ALL TESTS.
5. CONTINUITY <1 OHM PIN TO SOCKET.
6. VOIDS SMALLER THAN  $\phi 0.035$  [.89] ARE ACCEPTABLE.
7. ALTERNATE CLOCKING (W, X, OR Y) IS INDICATED BY APPENDING THE APPROPRIATE LETTER TO THE PART NUMBER, PAVE ORDER CODE & ITEMS 2, 3, 9, & 10.
8. REF-OPERATING TEMPERATURE -20°C TO 125°C.
9. 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.
10. DIMENSIONS ARE INCHES [millimeters].
11. ITEMS 8 & 9 ARE LISTED BUT NOT SHOWN.
12. ALCOHOL OR FOMBLIN YVAC 3 MAY BE USED TO LUBRICATE O-RINGS FOR VACUUM HELIUM TESTING.

9	1	SC3126F14-19P* *SEE NOTE 7	PLUG 19#20 PIN
8	1	SC3126F14-19S* *SEE NOTE 7	PLUG 19#20 SOC
7	1	1014	NUT VS18-SS
6	4	1608-25	SCREW #4-40x.25 BH SOC SS
5	1	-219 VITON	O-RING -219 VITON 75
4	A/R	PAVE-Seal 150	EPOXY BLACK
3	1	SC3112E14-19S* *SEE NOTE 7	RCPT 19#20 SOC
2	1	SC3112E14-19P* *SEE NOTE 7	RCPT 19#20 PIN
1	1	3324	HOUSING VS18-SS
<b>ITEM</b>	<b>QTY</b>	<b>PART #</b>	<b>DESCRIPTION</b>

**PAVE technology co.**

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

DESCRIPTION  
VS18-SS-150-19-20-3112PS\*

PART NUMBER  
**1651\***

MATERIAL NOTED

REVISION LEVEL  
B

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