



NOTES:

1. HE LEAK TEST @ 1 ATM. 1X10⁻⁶ CC/SEC OR LESS. A GREEN PAINT DOT ON THE ATMOSPHERE SIDE INDICATES THE PART HAS PASSED THE TEST.
2. HYPOT 1000 VDC 500 MEGOHMS MINIMUM 0.01 SECOND MINIMUM PIN TO PIN AND HOUSING WITH MATING CONNECTORS.
3. ALL TESTS ARE PERFORMED AT ROOM TEMPERATURE.
4. ALL PARTS MUST PASS ALL TESTS.
5. CONTINUITY TEST <1.0 OHM PIN TO SOCKET WITH MATING PLUGS.
6. COSMETIC SURFACE VOIDS NOT ON O-RING SEALING SURFACES ARE ACCEPTABLE BASED ON THE SEAL'S DIAMETER:
 <= .5 [12.7] SEAL DIAMETER: Ø.035 [.89] MAX ALLOWED VOID SIZE
 > .5 [12.7] SEAL DIAMETER: Ø.060 [1.5] MAX ALLOWED VOID SIZE
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 RANGE -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. ALCOHOL OR FOMBLIN YVAC 3 MAY BE USED TO LUBRICATE O-RINGS FOR VACUUM HELIUM LEAK TESTING.

9	1	*SEE NOTE 7 SC3126F14-19P*	PLUG 19#20 GOLD PLATED COPPER ALLOY CRIMP PINS NICKEL PLATED ALUMINUM SHELL W/STRAIN RELIEF
8	1	*SEE NOTE 7 SC3126F14-19S*	PLUG 19#20 GOLD PLATED COPPER ALLOY CRIMP SOCKETS NICKEL PLATED ALUMINUM SHELL W/STRAIN RELIEF
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	*SEE NOTE 7 SC3112E14-19S*	RCPT 19#20 GOLD PLATED COPPER ALLOY SOCKETS, NEOPRENE INSERT, NICKEL PLATED ALUMINUM SHELL
2	1	*SEE NOTE 7 SC3112E14-19P*	RCPT 19#20 GOLD PLATED COPPER ALLOY PINS, NEOPRENE INSERT, NICKEL PLATED ALUMINUM SHELL
1	1	3389	HOUSING VS18-SS
ITEM	QTY	PART #	DESCRIPTION

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PAVE technology co.

DESCRIPTION VS18-SS-150-19-20-3112PS* *SEE NOTE 7

PART NUMBER *SEE NOTE 7 MATERIAL NOTED

1651*

REVISION LEVEL C 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