



NOTES:

1. HE LEAK TEST @ 1ATM 10X10⁻⁷ CC/SEC OR LESS. A GREEN PAINT DOT INDICATES PART HAS PASSED THE TEST.
NOTE: ALCOHOL OR FOMBLIN YVAC 3 MAY BE USED TO LUBRICATE O-RINGS FOR VACUUM HELIUM LEAK TESTING.
2. HYPOT 1000 VDC 100 MEGOHMS MINIMUM 0.01 SECOND MINIMUM PIN TO PIN AND HOUSING WITH MATING CONNECTORS.
3. CONTINUITY TEST <0.5 OHM PIN TO SOCKET WITH MATING CONNECTORS.
4. ALL TESTS ARE PERFORMED AT ROOM TEMPERATURE.
5. ALL PARTS MUST PASS ALL TESTS.
6. COSMETIC SURFACE VOIDS SMALLER THAN Ø0.035 [0.89] ARE ACCEPTABLE.
7. REF-OPERATING TEMPERATURE -20°C TO 125°C.
8. DIMENSIONS ARE INCHES [millimeters].
9. *ADD CLOCKING LETTER (IF OTHER THAN NORMAL) TO THE END OF THE PAVE PART NUMBER AND ITEMS 3 & 4 PART NUMBERS.
10. **"R" ON THE END OF THE PAVE PART NUMBER INDICATES THAT ITEMS 3 & 4 ARE REVERSED.
11. **"-1" ON THE END OF THE PART NUMBER INDICATES THAT THE PART IS SHIPPED WITH MATING PLUGS: SC3126F22-55P & SC3126F22-55S IN THE APPROPRIATE CLOCKING.
12. 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.

6	1	10-123017-22G	NUT HEX ALUMINUM ELECTROLESS NICKEL 1.500-18 UNEF-2B W/SAFETY WIRE HOLES
5	1	-131 VITON	O-RING -131 VITON 75
4	1	SC3112E22-55S* *SEE NOTE 9	RCPT 55#20 SOCS ELECTROLESS NICKEL PLATED
3	1	SC3112E22-55P* *SEE NOTE 9	RCPT 55 #20 PINS ELECTROLESS NICKEL PLATED
2	A/R	PAVE-Seal 150	EPOXY BLACK
1	1	4619	HOUSING VS20UNEF-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 VS20UNEF-SS-150-55-20-3112PS (NP)	
PART NUMBER *SEE NOTES 9, 10, & 11 4513*	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