



**NOTES:**

1. HE LEAK TEST @ 1ATM 10X10<sup>-7</sup> CC/SEC OR LESS.  
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: SC3126F24-61P & SC3126F24-61S 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.

ITEM	QTY	PART NUMBER	DESCRIPTION
6	1	10-123017-24G	NUT HEX ALUMINUM ELECTROLESS NICKEL 1.625-18 UNEF-2B W/SAFETY WIRE HOLES
5	1	-131 VITON	O-RING -131 VITON 75
4	1	SC3112E24-61S* *SEE NOTE 9	RCPT 61#20 SOCS ELECTROLESS NICKEL PLATED
3	1	SC3112E24-61P* *SEE NOTE 9	RCPT 61#20 PINS ELECTROLESS NICKEL PLATED
2	A/R	PAVE-Seal 150	EPOXY BLACK
1	1	4548	HOUSING VS22UNEF-SS

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

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DESCRIPTION  
 VS22UNEF-SS-150-61-20-3112PS (NP)

PART NUMBER\*SEE NOTES 9, 10, & 11 NOTED  
**4514\***

REVISION LEVEL A PROJECTION