
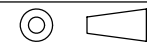


- NOTES:
1. HE LEAK TEST @1 ATM 10X10⁻⁹ CC/SEC OR LESS. A GREEN PAINT DOT INDICATES PART HAS PASSED THE TEST.
 2. HYPOT 1000 VDC 500 MEGOHMS MINIMUM 0.01 SECOND MINIMUM PIN TO PIN AND HOUSING WITH MATING CONNECTORS.
 3. CONTINUITY TEST <0.5 OHM PIN TO SOCKET WITH MATING CONNECTORS.
 4. ALL TESTS ARE PERFORMED AT ROOM TEMPERATURE.
 5. ALL PARTS MUST PASS ALL TESTS.
 6. ADDING "NP" TO THE PAVE PART NUMBER AND ORDER CODE INDICATE THAT ITEMS 7 & 8 ARE NOT TO BE INCLUDED (NO PLUGS).
 7. ADDING "R" TO THE PAVE PART NUMBER AND ORDER CODE INDICATE THAT ITEMS 3 & 4 ARE REVERSED (SOCKETS ON THE ATMOSPHERE SIDE & PINS ON THE VACUUM SIDE).
 8. COSMETIC SURFACE VOIDS SMALLER THAN Ø0.035 [0.89] ARE ACCEPTABLE.
 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. ALCOHOL OR FOMBLIN YVAC 3 MAY BE USED TO LUBE O-RINGS FOR VACUUM HELIUM LEAK TESTING.

ITEM	QTY	PART NUMBER	DESCRIPTION
8	1	SC3106F22-22P	PLUG 4 #8 PINS ELECTROLESS NICKEL PLATED W/ STRAIN RELIEF
7	1	SC3106F22-22S	PLUG 4 #8 SOC ELECTROLESS NICKEL PLATED W/ STRAIN RELIEF
6	1	0199	NUT VS22-SS
5	1	-224 VITON	O-RING -224 VITON 75
4	1	SC3102A22-22S	RCPT 4 #8 SOC ELECTROLESS NICKEL PLATED
3	1	SC3102A22-22P	RCPT 4 #8 PINS ELECTROLESS NICKEL PLATED
2	A/R	PAVE-Seal 150	EPOXY BLACK
1	1	4396	HOUSING VS22-SS


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DESCRIPTION
 VS22-SS-150-4-8-3102PS

PART NUMBER: **1863**
 MATERIAL: NOTED
 REVISION LEVEL: D
 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