



NOTES:

- HE LEAK TEST @ 1 ATM. 1×10^{-7} CC/SEC OR LESS. A GREEN PAINT DOT ON THE ATMOSPHERE SIDE INDICATES THE PART HAS PASSED THE TEST.
- HYPOT 1000 VDC 500 MEGOHMS MINIMUM 0.01 SECOND MINIMUM PIN TO PIN AND HOUSING WITH MATING CONNECTORS.
- CONTINUITY TEST <0.5 OHM PIN TO SOCKET WITH MATING CONNECTORS.
- ALCOHOL OR FOMBLIN YVAC 3 MAY BE USED TO LUBRICATE O-RINGS FOR VACUUM HELIUM LEAK TESTING.
- ALL TESTS ARE PERFORMED AT ROOM TEMPERATURE.
- ALL PARTS MUST PASS ALL TESTS.
- COSMETIC SURFACE VOIDS NOT ON O-RING SEALING SURFACES ARE ACCEPTABLE BASED ON THE SEAL'S DIAMETER:
 <= .5 [12.7] SEAL DIAMETER: ϕ .035 [.89] MAX ALLOWED VOID SIZE
 > .5 [12.7] SEAL DIAMETER: ϕ .060 [1.5] MAX ALLOWED VOID SIZE
- REF-OPERATING TEMPERATURE RANGE -20°C TO 125°C.
- 1797R HAS ITEM 4 (SOCKETS) ON THE ATMOSPHERE SIDE AND ITEM 3 (PINS) ON THE VACUUM SIDE, PAVE ORDER CODE BECOMES: VS15L-SS-150-8-20-3112SP.
- ADDING "NP" TO THE PAVE PART NUMBER AND ORDER CODE INDICATES THAT ITEMS 7 & 8 ARE NOT INCLUDED (NO PLUGS).
- DIMENSIONS ARE INCHES [millimeters].
- 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
8	SEE NOTE 10 1	SC3126F12-8P	PLUG 8#20 PIN GOLD PLATED COPPER ALLOY CRIMP CONTACTS, NICKEL PLATED ALUMINUM SHELL AND S/R
7	SEE NOTE 10 1	SC3126F12-8S	PLUG 8#20 SOC GOLD PLATED COPPER ALLOY CRIMP CONTACTS, NICKEL PLATED ALUMINUM SHELL AND S/R
6	1	0183	NUT VS15-SS
5	1	-215 VITON	O-RING -215 VITON 75
4	1	SC3112E12-8S	RCPT 8#20 GOLD PLATED COPPER ALLOY SOCKETS, NEOPRENE INSERT, NICKEL PLATED ALUMINUM SHELL
3	1	SC3112E12-8P	RCPT 8#20 GOLD PLATED COPPER ALLOY PINS, NEOPRENE INSERT, NICKEL PLATED ALUMINUM SHELL
2	A/R	PAVE-Seal 150	EPOXY BLACK
1	1	0161	HOUSING VS15L-SS

PAVE technology co.

*SEE NOTES 9 & 10
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DESCRIPTION
VS15L-SS-150-8-20-3112PS*

PART NUMBER *SEE NOTES 9 & 10
1797*

MATERIAL NOTED

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