



PIN-OUT	
ATM	VAC
A1/A12/B1/B12	A1/A12/B1/B12
A4/A9/B4/B9	A4/A9/B4/B9
A5	A5
B5	B5
A6/B6	A6/B6
A7/B7	A7/B7
A2	B11
A3	B10
B11	A2
B10	A3
B2	A11
B3	A10
A11	B2
A10	B3
A8	B8
B8	A8
SHELL	SHELL

- NOTES:
- HE LEAK TEST @ 1 ATM. 1X10⁻⁷ CC/SEC OR LESS. A GREEN PAINT DOT ON THE ATMOSPHERE SIDE INDICATES THE PART HAS PASSED THE TEST.
 - PART IS NOT COMPATIBLE FOR POWER DELIVERY (PD) CHARGING.
 - 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 85 °C.
 - 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
5	1	8L5N-SS NUT	NUT VS12-SS
4	1	-116 VITON	O-RING -116 VITON 75
3	1	CP30201	ADAPTER USBC FEMALE (2X) PCB MOUNT
2	A/R	PAVE-Seal 150	EPOXY BLACK
1	1	0394	HOUSING VS12L-SS

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DESCRIPTION
 VS12-SS-150-1-USBCfemale

PART NUMBER
5612

MATERIAL NOTED

REVISION LEVEL -

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