



PINOUT	
ATM	VAC
1	1
2	2
3	3
4	4
8	5
9	6
7	7
5	8
6	9
SHELL	SHELL

- NOTES:
- LEAK TEST: 1500 PSI, NO N2 BUBBLES 30 SECONDS MINIMUM. A GREEN PAINT DOT ON THE HEX OF HOUSING (ITEM 1) INDICATES THE PART HAS PASSED THE TEST. REF-QUALIFICATION LEAK TESTING: (a.) PRESSURE CYCLE 1000 PSI, HOLD FOR 5 MINUTES WITH NO N2 BUBBLES, CYCLE 3 TIMES. (b.) 1500 PSI, NO N2 BUBBLES 1 HOUR MINIMUM.
 - PART IS FUNCTIONALLY TESTED WITH MATING USB 3.0 CABLES AND A PC TO TRANSFER A FILE AT FASTER THAN 90Mbps.
 - 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: Ø .035 [.89] MAX ALLOWED VOID SIZE
 > .5 [12.7] SEAL DIAMETER: Ø .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.
 - WHEN ITEM 6 OR ITEM 9 IS PROPERLY INSTALLED ON THE ATMOSPHERE SIDE, THE CONNECTOR MAINTAINS AN IP67 RATING.

ITEM	QTY	PART NUMBER	DESCRIPTION
9	1	DCC-US3AT-180	PLUG USB3.0 MALE IP67 FIELD INSTALLABLE SOLDER TERMINATION CABLE OD .171-.208 [4.34mm-5.28mm]
8	1	0183	NUT VS15-SS
7	1	-215 VITON	O-RING -215 VITON 75
6	1	D24295-WA	PANEL SEAL CAP THERMOPLASTIC ELASTOMER IP67
5	1	DCP-US3AT-US3C	PANEL CONNECTOR USBA3.0 TO MICRO AB3.0 IP67 (THERMOPLASTIC THREADED HOUSING ONLY)
4	2	FIT-221L 1/2"	TUBING SHRINK LSZH POLYOLEFIN BLACK
3	1	AC-USB3-AAB	ADAPTER USB3.0 TYPE A FEMALE (2X) CROSSOVER PCB
2	A/R	PAVE-Seal 150	EPOXY BLACK
1	1	5772	HOUSING VS15-SS

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DESCRIPTION: VS15-SS-150-1-USBAfemale CROSSOVER USB3.0 (IP67)

PART NUMBER: **5758**

MATERIAL: NOTED

REVISION LEVEL: **A**

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