



NOTES:

- LEAK TEST: 150 PSI, NO N2 BUBBLES 1 MINUTE MINIMUM. A GREEN PAINT DOT ON THE ATMOSPHERE SIDE INDICATES THE PART HAS PASSED THE TEST.  
REF-QUALIFICATION LEAK TESTING: (a.) PRESSURE CYCLE 100 PSI, HOLD FOR 5 MINUTES WITH NO N2 BUBBLES, CYCLE 3 TIMES.  
(b.) 150 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:  $\phi$ .035 [.89] MAX ALLOWED VOID SIZE  
 > .5 [12.7] SEAL DIAMETER:  $\phi$ .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.

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

4	A/R	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	1625	HOUSING PT16-SS
ITEM	QTY	PART NUMBER	DESCRIPTION

2751 Thunderhawk Court  
Dayton, OH 45414-3445  
U.S.A.  
tel (937) 890-1100  
fax (937) 8905165  
www.pavetechnologyco.com

**PAVE technology co.**

DESCRIPTION  
PT16-SS-150-1-USBAfemale CROSSOVER USB3.0

PART NUMBER  
**5767**

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