



Pin Number	Signal Name
1	VBUS
2	D-
3	D+
4	ID
5	GND
6	MicA_SSTX-
7	MicA_SSTX+
8	GND_DRAIN
9	MicA_SSRX-
10	MicA_SSRX+

### Material and Finish

Housing: LCP+50%GF  
UL 94V-0 rated

Color: Black

Contacts: 30u" Gold Plating over  
Nickel on Contact Area,  
Gold Flash Plating on Solder Tail

Shell: Stainless Steel, Nickel plated

### Electrical Specifications

Rated Current: 1.8A(Only Pin1,5);  
0.25A For Other Pins.

Insulation Resistance:  
100 mohms Min.

Contact Resistance:  
50 mohms max.

Dielectric Withstanding Voltage:  
100V AC for 1 min.

Operating Temperature:  
-40°C to +85°C

### Mechanical Specifications

Insertion Force: 35N Max.

Withdrawal Force: 8N Min.

Durability: 10000 cycles Min.



Tolerances
X.X ± 0.25
X.XX ± 0.15
Unless Stated Otherwise

REV.	DATE	DESCRIPTION	REV. BY	CHK. BY	DRAWN BY	DATE
A0	09/29/10	New Drawing	S. Vien	H. MA	S. Vien	09/23/10
A1	11/10/10	Release Drawing	H. MA	N/A		
A2	01/16/13	ECO #12-063	S. Vien	P. DalCanto		
A3	04/26/13	ECO #13-019	W. Cook	P. DalCanto		
A4	03/08/17	ECO #17-006	H. MA	W. Cook		

KMMX-AB10-SMT4SB30TR

Micro USB 3.0 Type AB, SMT, RoHS Compliant

SMT Shield Tabs, 10 Pin

