



Recommended PCB Layout

Pin Number	Signal Name
1	VBUS
2	D-
3	D+
4	ID
5	GND
6	MicB_SSTX-
7	MicB_SSTX+
8	GND_DRAIN
9	MicB_SSRX-
10	MicB_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	09/24/10
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	mm	
A4	08/09/18	Update Address & RoHS	C. Kelleher	C. Furumasu		
A5	03/20/19	ECO #19-029	G. Serrato	D. Shehan		

KMMX-B10-SMT1SB30TR

Micro USB 3.0 Type B, SMT, RoHS Compliant

Thru Hole Shield Tabs, 10 Pin

