

PIN NO.	SIGNAL	DESCRIPTION
1	Vbus	Power
2	IntA_P1_SSRX-	USB 3 ICC Port1 SuperSpeed Rx-
3	IntA_P1_SSRX+	USB 3 ICC Port1 SuperSpeed Rx+
4	GND	GND
5	IntA_P1_SSTX-	USB 3 ICC Port1 SuperSpeed Tx-
6	IntA_P1_SSTX+	USB 3 ICC Port1 SuperSpeed Tx+
7	GND	GND
8	IntA_P1_D-	USB 3 ICC Port1 D-(USB2 Signal D-)
9	IntA_P1_D+	USB 3 ICC Port1 D+(USB2 Signal D+)
10	ID	Over Current Protection
11	IntA_P2_D+	USB 3 ICC Port2 D+(USB2 Signal D+)
12	IntA_P2_D-	USB 3 ICC Port2 D-(USB2 Signal D-)
13	GND	GND
14	IntA_P2_SSTX+	USB 3 ICC Port2 SuperSpeed Tx+
15	IntA_P2_SSTX-	USB 3 ICC Port2 SuperSpeed Tx-
16	GND	GND
17	IntA_P2_SSRX+	USB 3 ICC Port2 SuperSpeed Rx+
18	IntA_P2_SSRX-	USB 3 ICC Port2 SuperSpeed Rx-
19	Vbus	Power

**NOTES:**

**\*Material**

Housing: Nylon66+30%G.F, UL 94V-2 Rated;  
Color: Black

Contact: Brass

Plating: Au plating on contact area;  
Ni(50u" Min.) underplating overall.

**\*Mechanical**

Insertion Force: 35N Max.

Withdrawal Force: 15N Min.

Durability: 25 cycles

**\*Electrical Specification**

Current Rating: 0.5A/Pin min Except That VBUS Pin is 1.5A.

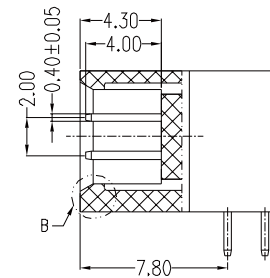
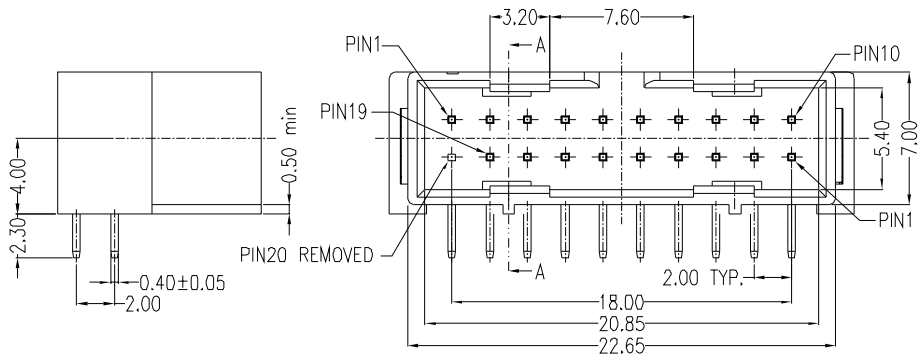
Contact Resistance: 30mΩ max.Change of All Pins: 20mΩ

Insulation Resistance: 100MΩ min.

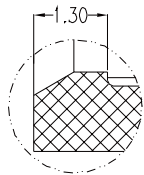
Dielectric Withstanding Voltage: 500V AC For 1 minute.

**\*Environmental**

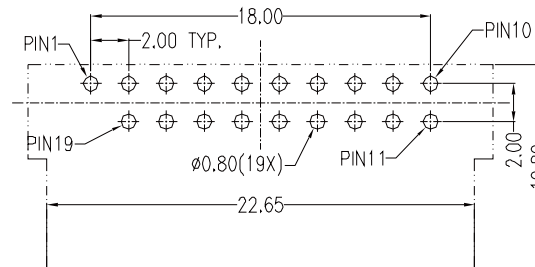
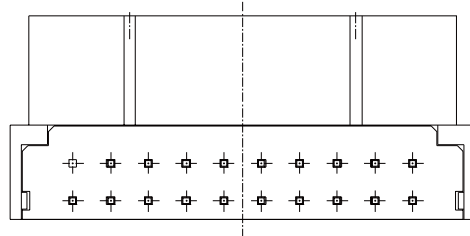
Operating Temperature: -55°C to +105°C.



SECT A-A

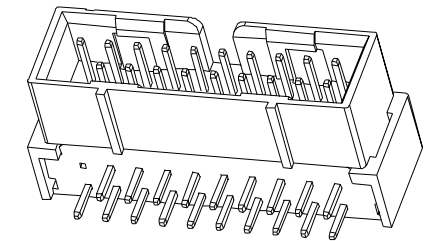


DETAIL B  
SCALE 3:1



Housing External Form

PCB LAYOUT (COMPONENT SIDE)  
T=1.60mm All Tolerance IS ±0.05



**RoHS Compliant**

TOLERANCES ARE

**MORETHANALL**  
PCB CONNECTORS  
Cable ASSEMBLIES

煜倫股份有限公司

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DRAWING BY CY

CHECKED BY GENIUS

UNIT/ mm

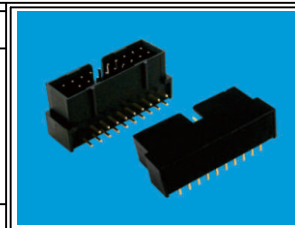
SCALE 1:1

DATE

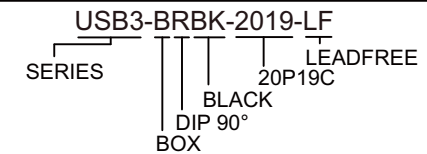
SIZE A4

P PROJECTION

X, ±  
.X ± 0.38  
.XX ± 0.25  
.XXX ± 0.20  
ANG ± 3°



**ORDER INFORMATION**



DESCRIPTION: Internal USB 3.0 DIP Receptacle Positive Right Angle(No Mark)