

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:

1. Material:

Housing: Nylon46+30%G.F, UL 94V-0 Rated;
 Color: Blue.
 Contact: Brass.
 Plating: Au Plating on Contact Area;
 Sn Plating on Solder Tail;
 Ni Underplating over All.

2. Mechanical:

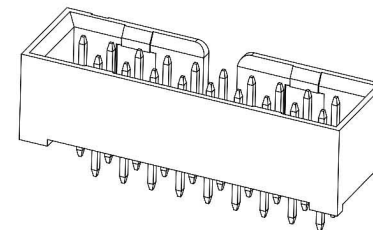
Insertion Force: 35N Max.
 Withdrawal Force: 15N Min.
 Durability: 25 Cycles.

3. 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.

4. Environmental:

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



RoHS Compliant		玄茂科技股份有限公司 HSUAN MAO TECHNOLOGY CO., LTD.	
APPD. 核准	SCALE 比例	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MM TOLERANCES ARE:	PART NAME 品名
DWG. 製圖	UNIT 單位	DECIMALS 小數點位	USB 3.0 Internal Type 19P Male Straight Type
DATE 製表日	PAGE 張數	ANGLES 角度	Gold Flash on Contact Area, Tin on Solder Tail
2018/03/31	1 OF 1	SIZES 紙張尺寸	Dip Length: 2.6mm Blue Color Material: Nylon46
		REV. 版次	Tray Packing ROHS
			PART NO. 料號
			C8387-19SESALHR

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