

RoHS Compliant

NOTE:

1. Material:

Housing&Back Cover: Thermoplastics,UL94V-0;PBT Blue(Halogen Free);
9pin Contact: Copper Alloy
Detect pin: Copper Alloy
Shell: Stainless Steel

2. FINISH:

Contact: Gold 15u" Plated on Contact Area,
80u" Min.Bright Tin Plated on Solder Tails Area,
50u" Min.Nickel Underplating Over All.
Detect pin: Gold 3U" Plated on Contact Area,
80u" Min.Matte Tin Plated on Solder Tails Area,
50u" Min.Nickel Underplating Over All.
Shell: 50u" Min.Nickel Underplating Over All.

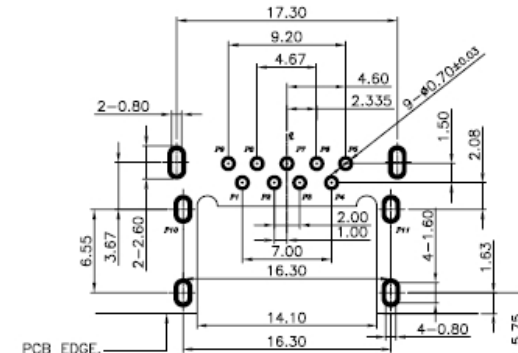
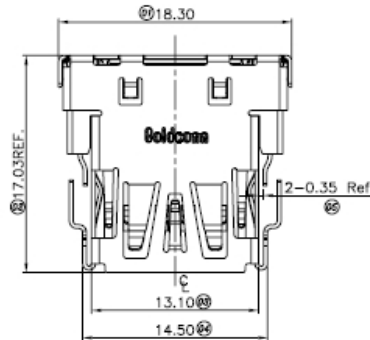
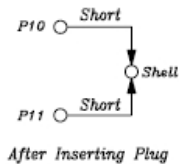
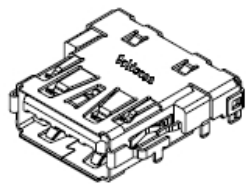
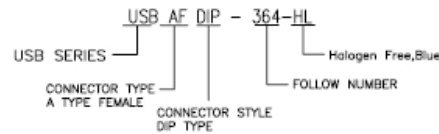
3. Specification:

3.1: Voltage Current Rating: 1.5 AMP. 30V/AC
Insulation Resistance:
500MΩ Min. at 100V/DC
Withstanding voltage: 100V/AC for 1Minute
Contact Resistance:
30mΩ(Max) initial for VBUS and GND contacts.
50mΩ(Max) initial for all other contacts.

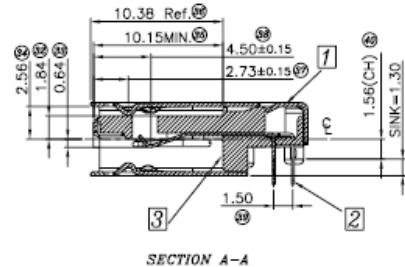
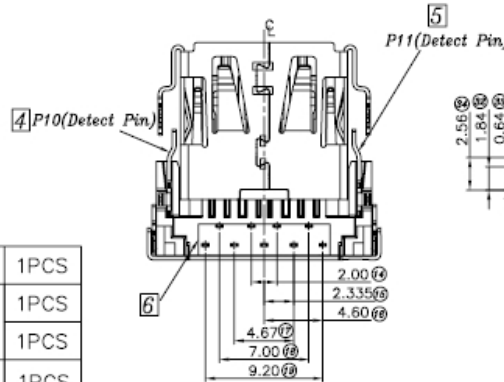
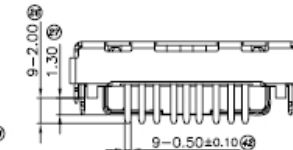
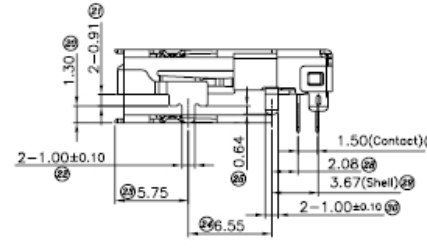
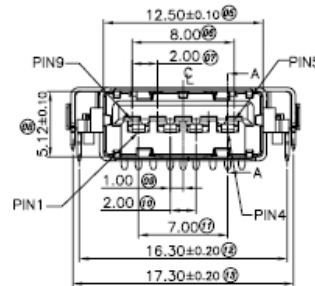
3.2: Characteristics:

Mating force: 35N(3.57kgf) Max.
Unmating force(Without lock):10N(1.02kgf) Min.
Durability: 1500 cycles Min.

4. Ordering information



RECOMMENDED PCB LAYOUT(TOP VIEW)
GENERAL TOLERANCES:±0.05



Pin Assignment		
Pin No.	Signal Name	Description
1	VBUS	Power
2	D-	USB2.0 differential pair
3	D+	
4	GND	Ground for power return
5	StdA_SSRX-	SuperSpeed receiver differential pair
6	StdA_SSRX+	
7	GND_DRAIN	Ground for signal return
8	StdA_SSTX-	SuperSpeed transmitter differential pair
9	StdA_SSTX+	
10	Insertion	Receptacle only, detects insertion of a plug into the Receptacle
11	Detctet	
Shell	Shield	Connector metal shell

6	BACK COVER	HUB52T-1A1-LX00-H	PBT Blue(Halogen Free)	1PCS
5	Right Detect	GUB71B-1B1-VW03	Copper Alloy,Gold 3U" Plated on Contact Area, 80u" Min.Matte Tin Plated on Solder Tails Area, 50u" Min.Nickel Underplating Over All.	1PCS
4	Left Detect	GUB71B-1A1-VW03		1PCS
3	BODY	HUB51T-1B1-LX00-H	PBT Blue(Halogen Free)	1PCS
2	9PIN Terminal	GUB70C-1A1-NP15	Copper Alloy, 15u" Au Plated on contact Area 80u" Min. Bright Tin Plated on Solder Area	9PCS
1	Shell	GUB69U-1C1-SN12	Stainless Steel, SUS304 1/2H, Ni Plated over all	1PCS
项次 NO.	品名 NAME	料号 P/N	表面处理 PLATING	备注 MARK

REV	NEW ISSUE	DATE	DATE	DATE	DATE	DATE
AO	NEW ISSUE	15.10.12				
版本	變更內容	日期	修改	核准	審核	審核
REV	MODIFICATION	DATE	DRAW	APPROVE	CHECKED	CHECKED

單位 UNIT	m/m	*. Inspection Item
比例 SCALE	1:1	Op/Cpk and SPC Control Item
張數 SHEET	1/1	TOLERANCE UNLESS OTHERWISE SPECIFIED
製圖 DRAWN	Zwj	.X±0.30 'X'±3'
圖號 DWG NO.		.XX±0.25 'X'±1'
名稱 TITLE		.XXX±0.10 'XX'±
角法 PROJ.		

星赫科技有限公司
SHINE HEI TECHNOLOGY CO., LTD.

圖號
DWG NO. USB AF DIP -364-HL

名稱
TITLE USB 3.1 AF 9P 沉板1.30mm (PBT膠殼無蓋,半金15u")

角法
PROJ.

客戶圖