

REV.	ECN.NO.	DATE
A	RELEASED	03/15-'12
F	"Winning" updated to "Win Win"	12/07-'20
G	Modify logo font, location	05/14-'21

PIN NO.	SIGNAL NAME	Description
1	VBUS	Power
2	D-	USB 2.0 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+	
Shell	Shield	Connector metal shell

Part No.	Dim "A"
WU3R-09* <u>Q</u> ***	2.15~2.30
WU3R-09* <u>8</u> ***	3.10

NOTES:

***Material**

Housing: PBT, UL94 V-0;
 Baffle : Nylon66, UL94 V-0
 Contact(4Pin): Phosphor Bronze
 Contact(5Pin): Brass
 Plating: Au Plating On Contact Area;
 Sn(100u" Min.) Plating On Solder Tail.
 Ni(50u" Min.) Underplating Overall.
 Shell: SUS ; Ni(40u" Min.) Plating Overall.

***Mechanical**

Insertion Force: 35N Max.
 Withdrawal Force: 10N Min.
 Durability: 1500 Cycles

***Electrical Specification**

Current Rating: 1.8A(Only Pin1 And Pin4), 0.25A For Other Pin
 Contact Resistance: 30mΩ Max.
 Insulation Resistance: 100MΩ Min.
 Dielectric Withstanding Voltage: 100V AC Min.

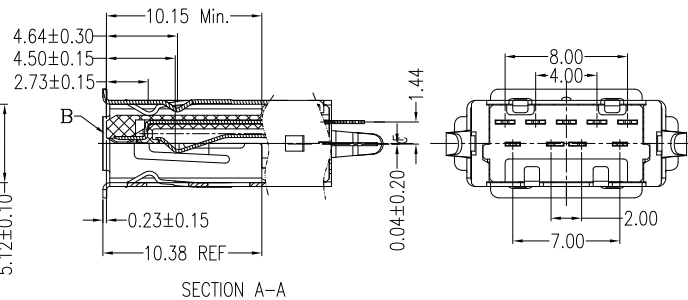
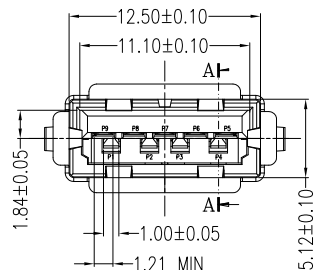
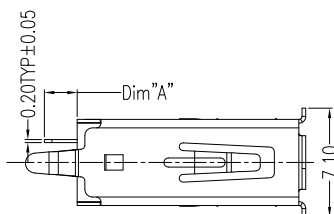
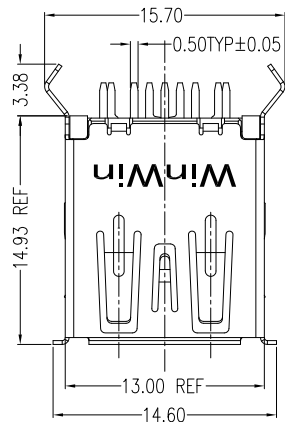
***Environmental**

Operating Temperature: -55°C To +85°C

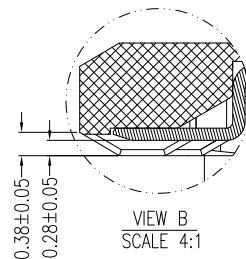
***How To Order:**

WU3R-09F9B4PBUW3

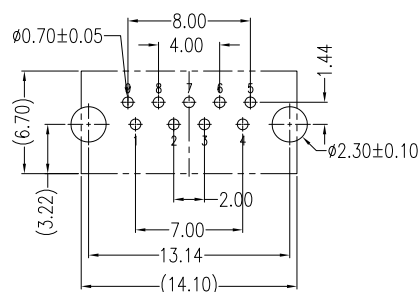
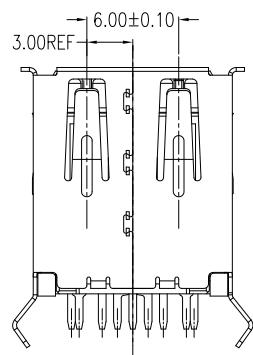
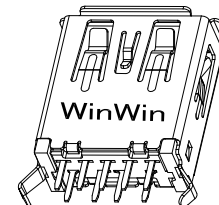
- 3:Tray
- W:WinWin Mark; Blank:No Mark
- U:Lead Free
- PB:Phosphor Bronze(4Pin)+Brass(5Pin)
- 4:Blue(300C)
- B:PBT
- 9:DIP 180°(2.15) 8:DIP 180°(3.10)
- Au: A:>0.8u"; D:15u"; F:30u"
- Number Of Contacts
- Series No.



SECTION A-A



VIEW B
SCALE 4:1



PCB LAYOUT T=1.60mm
COMPONENT SIDE

REV	Modify logo font, location			Drawing By	Date	WIN WIN PRECISION IND. CO., LTD. TEL: 886-2-22994155 FAX: 886-2-22994157	Title	USB 3.2 Gen2 Receptacle (Vertical DIP A Type)
Units	mm	Scale	5:2	ZT	05/14-'21			
Tolerance Unless Otherwise Specified				Reviewed By	Date	Charles	05/28-'21	
.X ±0.35				Approval By	Date	Nancy	06/01-'21	
.XX ±0.25								
.XXX ±0.15								Drawing No. WU3R-09PS-AN-N133 REV G
Angle ± 3°								