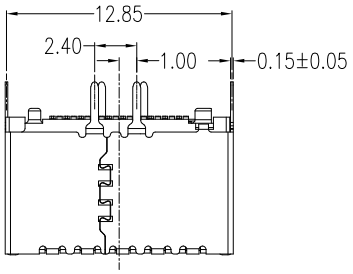
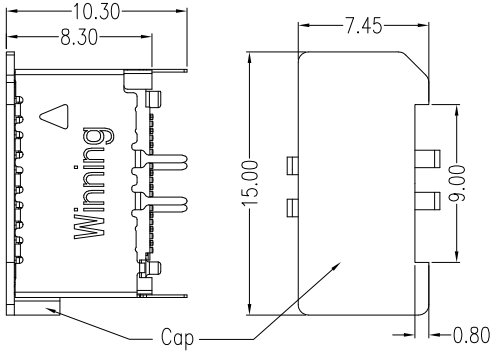
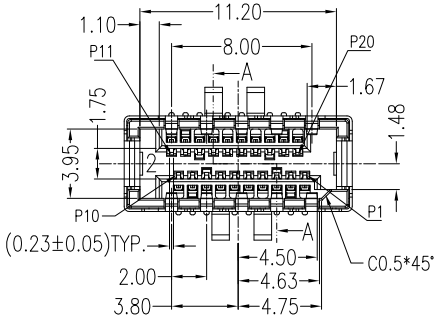
REV.	ECN.NO.	DATE
A	RELEASED	12/12-'17
C	Modify cap	08/29-'20
D	Cancel shell convex bars and Modify cap structure	05/14-'21

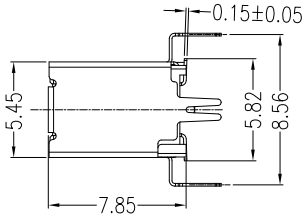


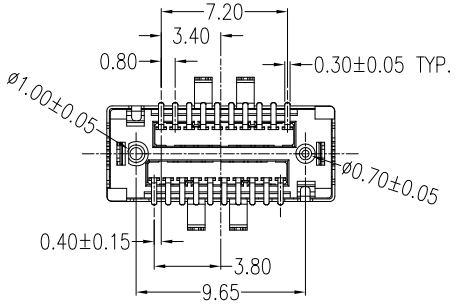


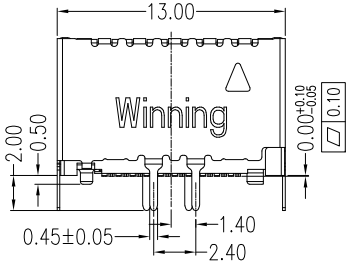
PIN ASSIGNMENT:

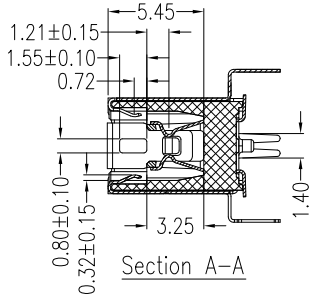
Pin No.	Signal Name	Pin No.	Signal Name
P1	VBUS	P20	CC2
P2	TX1+	P19	D+
P3	TX1−	P18	D−
P4	GND	P17	GND
P5	RX1+	P16	RX2−
P6	RX1−	P15	RX2+
P7	VBUS	P14	GND
P8	CC1	P13	TX2−
P9	SBU1	P12	TX2+
P10	SBU2	P11	VBUS

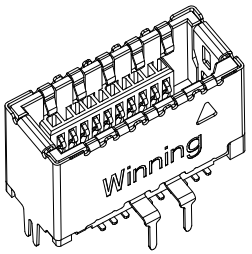


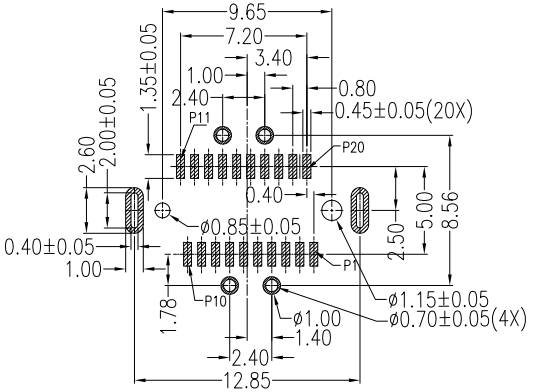












P.C.B. Layout T=1.60 20PIN(With Shell)
Component Side

NOTES:

*Material

Housing&Cap: LCP, UL94V-0;
Insert plate (Molding): LCP, UL94V-0;
Contacts: Phosphor Bronze
Plating: Au Plating On Contact Area;
Ni(50u" Min.) Underplating Overall;
Sn(100u" Min.) Plating On Solder Tail.
Shell: SUS;
Plating: Ni(40u"Min.) Plated Overall;

*Mechanical

Mating Force: 35N Max.
Unmating Force: 15N Min.
Durability: 50 Cycles

*Electrical Specification

Current Rating: 3A
Voltage Rating: 5V
Contact Resistance:40mΩ Max.
Insulation Resistance: 100MΩ Min.
Dielectric Withstanding Voltage: 100V AC Min.

*Environmental

Operating Temperature: -55°c To +85°c

*How To Order:

WU3IR-20A1L1PHW5

- USB 3.2 GEN2 Type C Internal Connector
- Number Of Contacts
- Au: A:1u"; D:15u"; F:30u"
- 1:Key A SMT With Shell
- L:LCP
- 1:Black
- P:Phosphor Bronze
- H: Halogen Free
- W:Winning Mark N:NO Mark
- 5:REEL

REV	Cancel shell convex bars and Modify cap structure					
Units	mm	Scale	5:2	Drawing By	Date	WIN WIN PRECISION IND. CO., LTD.
Tolerance Unless Otherwise Specified				Wwy	05/14-'21	TEL: 886-2-22994155 FAX: 886-2-22994157
.X ~ ±0.35				Reviewed By	Date	Date 05/14-'21
.XX ~ ±0.25				Charles	05/14-'21	Sheet 1 of 1
.XXX ~ ±0.15				Approval By	Date	Third Angle Projection
Angle ~ ± 3°				Nancy	05/20-'21	Title: USB 3.2 GEN2 Type C Internal Connector (With Shell Key A Type)
						Drawing No. WU3IR-20PS-AN-W157 REV D