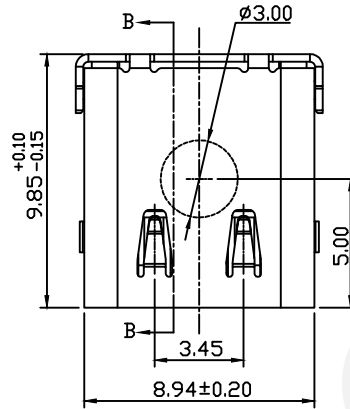
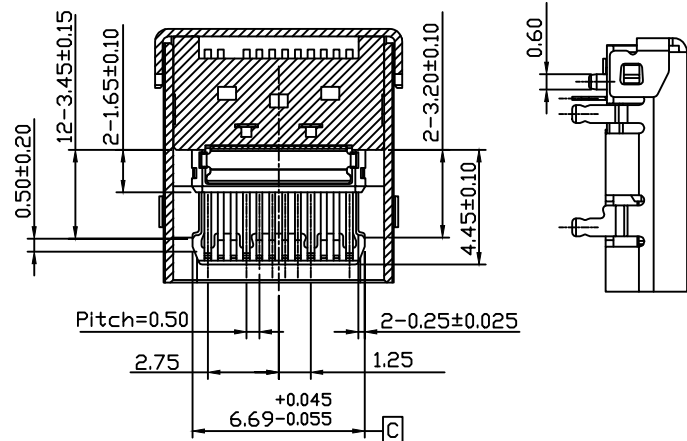
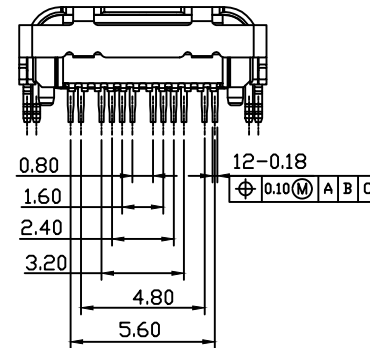
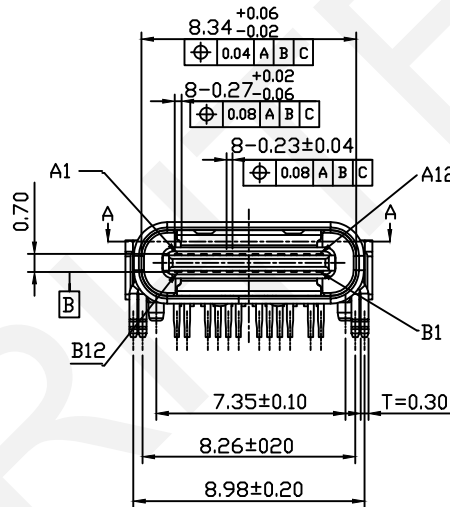
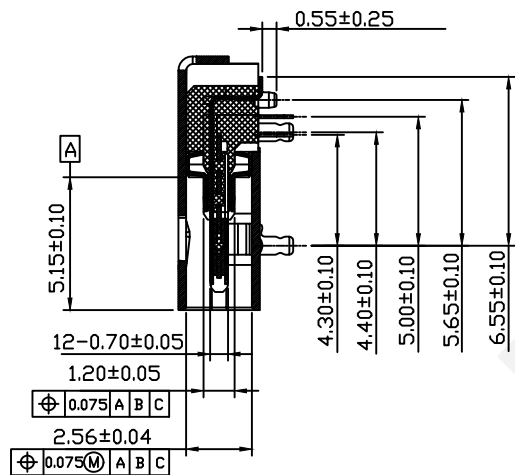


Material
Housing: LCP/PA UL94V-0 Black
Top Contact: C7025 TM04, T=0.12mm Au 1u"Ni Min
Down Contact: C7025 TM04, T=0.12mm Au 1u"Ni Min
Ground Bar: SUS301-1/2H, T=0.15mm
Shell: SUS304-1/2H, T=0.30mm, 1u"Ni Min
Mechanical:
Mating Force: 5-20Nf,
Unmating Force: Initial: 8-20Nf, Final: 6-20Nf,
Durability: 10000 Cycles.
Electrical:
Current Rating: VBus Pins: 5A, Vconn Pins: 1.25A,
Other Pins: 0.25A
Voltage Rating: 20V Max
Dielectric Withstanding voltage: 100Vac, 60S, 10mA
Contact Resistance: 40mΩ Max
Insulation Resistance: 100 MΩ Min.
Environmental:
Operating Temperature: -40°C TO +85°C
Salt Spray Test: 48H Min. (No oxidation or rust)
Wetting Temperature: 265±5°C, 5±0.5s



Pin Define Table

PIN	Signal Name	PIN	Signal Name
A12	GND	B1	GND
A11	RX2+	B2	TX2-
A10	RX2-	B3	TX2+
A9	VBUS	B4	VBUS
A8	SBU1	B5	CC2
A7	D-	B6	
A6	D+	B7	
A5	CC1	B8	SBU2
A4	VBUS	B9	VBUS
A3	TX1-	B10	RX1+
A2	TX1+	B11	RX1-
A1	GND	B12	GND

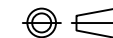
RHTECP NINGBO RHT ELECTRONIC CO.,LTD

UNITS:mm SHEET SIZE: A4 SCALE: ---
0~3 3~18 18~50 50~120
±0.12 ±0.15 ±0.3 ±0.5

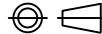
DRWN BY PAN
CHK'D BY FENG
APPR BY ZHAN

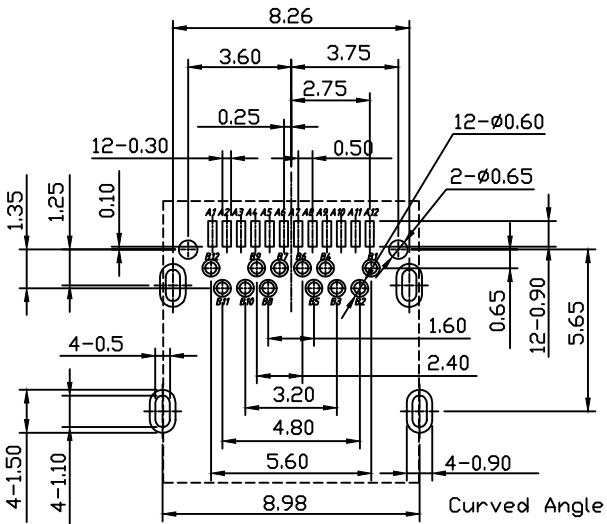
Type-C Female Housing With Post 24Pin

THIRD ANGLE PROJECTION



RHTAY431

	1	2	3	4	5	6	7	8	9	
A										
B										
C	8.26 3.60 3.75 2.75 0.25 0.50 12-0.30 1.35 1.25 0.10 4-0.5 4-1.10 4-1.50 3.20 4.80 5.60 4-0.90 1.60 0.65 2.40 8.98 Curved Angle 12-0.60 2-0.65 5.50 0.50 0.25 0.90 8.15 2.24 Post									
D	Recommanded PCB Layout Tichness=1.0~1.2mm Tolerance:±0.05mm Recommended PCB Layout Tichness=1.0~1.2mm Tolerance:±0.05mm									
E										
F										
G	 NINGBO RHT ELECTRONIC CO.,LTD			UNITS:mm	SHEET SIZE: A4	SCALE:---	DRWN BY PAN	Type-C Female HousingWith Post 24Pin		
				0~3	3~18	18~50	50~120	CHK'D BY FENG	THIRD ANGLE PROJECTION 	RHTAY431
				±0.12	±0.15	±0.3	±0.5	APPR BY ZHAN		
	1	2	3	4	5	6	7	8	9	



Recommended PCB Layout
Tichness=1.0~1.2mm Tolerance:±0.05mm

