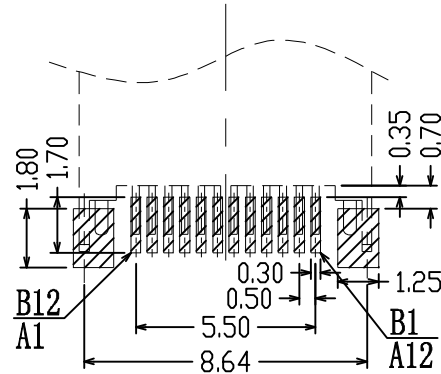
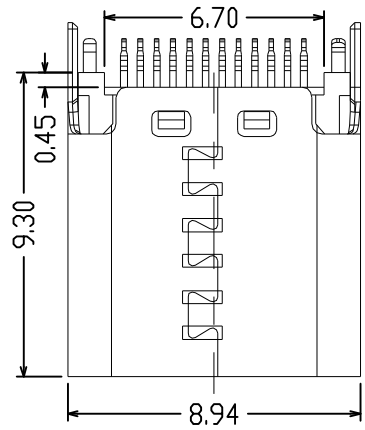


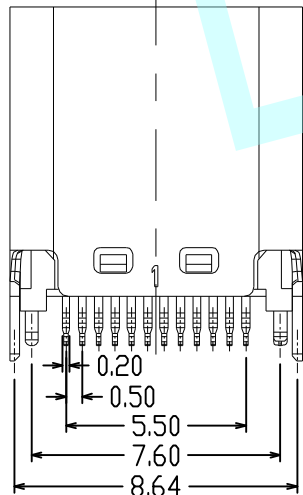
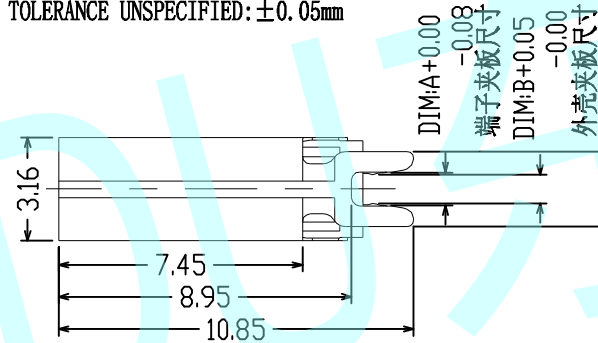
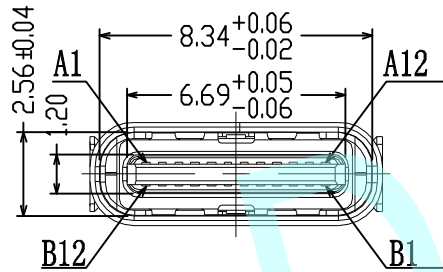
# ROHS



(TOP VIEW)

RECOMMENDED PCB LAYOUT (T:1.00mm)

TOLERANCE UNSPECIFIED: ±0.05mm



**Specification:**

A. Material & finish: SEE this list

B. Plating specification:

1. Contacts:

Ni 50u" min, under plated over all.

Au plated on the mating area of contact

Au plated on the solder area

2. Shell: Ni 30u" min, under plated over all.

3. Mid plated: Ni plated

4. Emi plated: clear only

C. Mechanical:

1. Mating force: 0.5~2.0kgf

2. Unmating force: 0.8~2.0kgf

0.6~2.0kgf after durability test

3. Durability: 10000 cycles

D. Electrical:

1. Current rating: 5A max

2. Voltage rating: 20V max

3. Dielectric withstanding voltage: 100V AC

4. Contact resistance: 40mΩ max

5. Insulation resistance: 100MΩ min

F. Environmental:

1. Operating temperature: -40°C~+85°C

2. Wetting temperature: 265±5°, 5±0.5S

3. Salt spray test: 48H min

PIN DEFINE TABLE

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

5	Shell	1	Stainese steel, T=0.30mm	30u" Ni min
4	EMI	1	Stainese steel, T=0.10mm	No plating
3	GroundBar	1	Stainese steel, T=0.15mm	No plating
2	Contact	24	Copper alloy, T=0.5mm	Au/Ni-plated
1	Housing	1	High temperature plastic	UL 94V-0, Black
No.	Part Name	Q' TY	Marterial	Finish

APPROVALS		DATE		http://www.dongdudz.com	
DRAW:	ZRD	2017-12-6	TOLERANCE:	ANGLE:	
CHECKED:	***	***	30≥ ±0.30	±2°	
APPOVALS:	***	***	10~30 ±0.20		
			5~10 ±0.15		
			≤5 ±0.10		

2	1.00	1.00	1024-FGB026	1024-FHB002
1	0.80	0.80	1024-FGB025	1024-FHB001
No.	DIM:A	DIM:B	镀金1u"	镀金3u"



MODEL:	USB CONNECTOR	
PART NO:	TYPE. C-24P-M-025	
UNIT :mm	SCALE:1:1	
REV:	A	PAGE:1/1