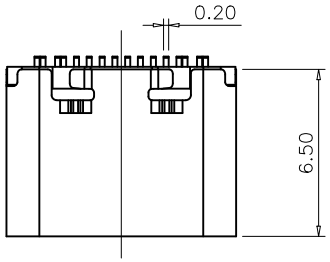
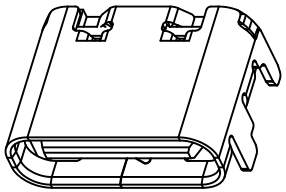
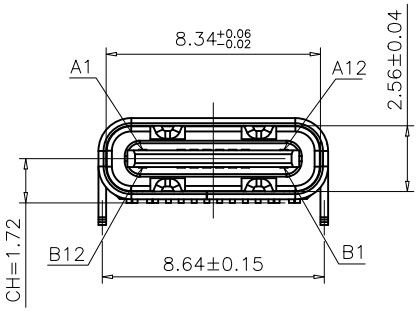
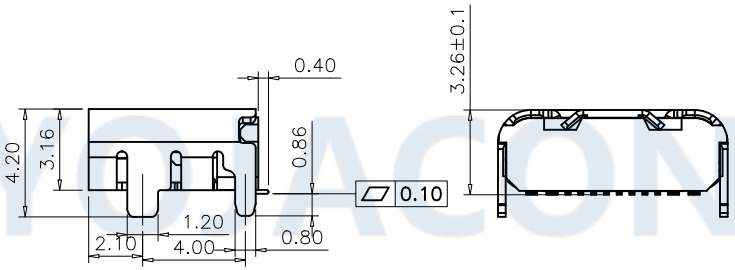
RoHS Compliant

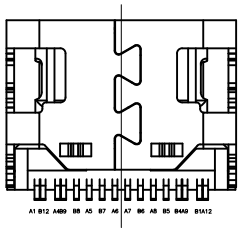
REV	ECN No.	DATE	REMARK
A0	NEW	2026.5.24	NEW RELEASE

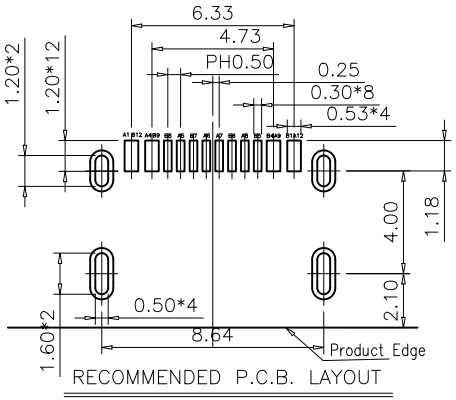












RECOMMENDED P.C.B. LAYOUT

TOLERANCE UNSPECIFIED ±0.05mm

SPECIFICATION:

1.Material & Plating
- 1.1 Housing&Molding: High Temperature Resistant Plastic, UL94 V-0
- 1.2 Contacts: Copper Alloy
  Ni Under Plated Over All
  Au Plated On The Functional Area Of Contact
  Gold Flash Plating On Solder Area
- 1.3 Shell: Stainless Steel, Ni Under Plated Over All

2.Electrical
- 2.1 Current Rating: 3A Max.
- 2.2 Dielectric Withstanding Voltage: 100V AC
- 2.3 Contact Resistance: Initial 40MΩ Max., After 50MΩ Max.
- 2.4 Insulation Resistance: 100MΩ Min.

3.Mechanical
- 3.1 Mating Force: 5-20N
- 3.2 Unmating Force: 8-20N, 6-20N After Durability Test
- 3.3 Durability: 10000 Cycles

4.Environmental
- 4.1 Operating Temperature: -25°C~+85°C
- 4.2 Wetting Temperature: 260±5°C, 5s

USB TYPE-C PIN ASSIGNMENTS

PIN NUMBER	SIGNAL NAME
A1	GND
A4	VBUS
A5	CC1
A6	Dp1
A7	Dn1
A8	SBU1
A9	VBUS
A12	GND

PIN NUMBER	SIGNAL NAME
B12	GND
B9	VBUS
B8	SBU2
B7	Dn2
B6	Dp2
B5	CC2
B4	VBUS
B1	GND

GENERAL TOLERANCES	
X.XXXX	± ---
X.XXX	± 0.10
X.XX	± 0.25
X.X	± 0.30
ANGULAR	± --°

深圳市跃佳电子有限公司
SHENZHEN YOJACONN ELECTRONICS CO.,LTD.

TITLE: TYPE-C母座 16P卧式 长6.5YA3带夹片无柱

DRAWN BY	XGC	2026.5.24	UNIT: MM
CHECKED BY	ZKX	2026.5.24	SIZE: A4
APPROVED BY	LLQ	2026.5.24	SCALE: 1:1

PART NO. CF16R-4DS172YA3S8-65S1N10
DWG NO. CF16-108
PROJECTION
SHEET 1 OF1