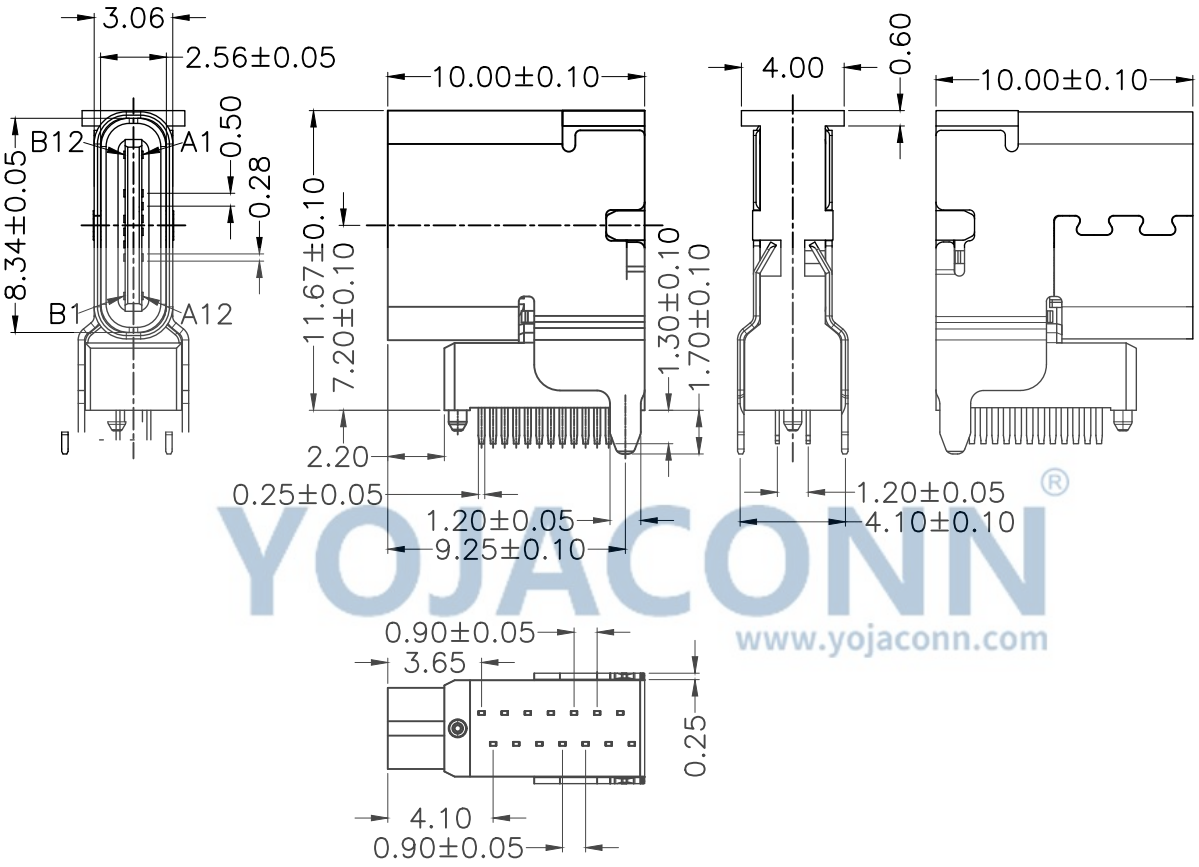
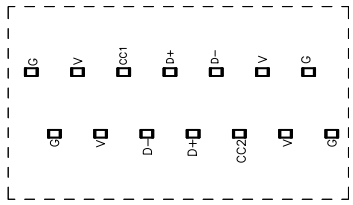
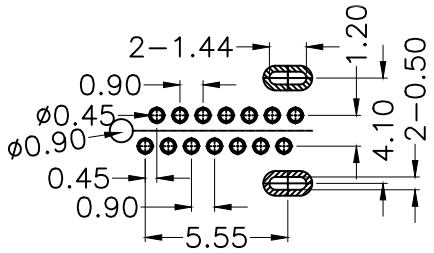
RoHS Compliant

REV	ECN No.	DATE	REMARK
A0	NEW	2019.11.21	NEW RELEASE



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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
- 1.4 Mid Plate: Stainless Steel

2.Electrical
- 2.1 Current Rating: 3A Max.
- 2.2 Voltage Rating: 20V Max.
- 2.3 Dielectric Withstanding Voltage: 100V AC
- 2.4 Contact Resistance: Initial 40MΩ Max., After 50MΩ Max.
- 2.5 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	/
A9	VBUS
A12	GND

PIN NUMBER	SIGNAL NAME
B12	GND
B9	VBUS
B8	/
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14P侧插后两脚插 长10.0Z3带夹片橙

DRAWN BY	XGC	2024.5.24	UNIT	MM	PART NO. CF14SD-22DD100Z3-SN100
CHECKED BY	ZKX	2024.5.24	SIZE	A4	DWG NO. CF14-005
APPROVED BY	LLQ	2024.5.24	SCALE	1:1	PROJECTION / SHEET 1 OF1