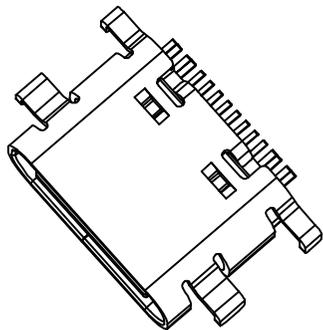


RECOMMENDED P.C.B. LAYOUT
TOLERANCE UNSPECIFIED ±0.05mm



NOTES:

1.MATERIAL:

- 1.1 Housing:thermoplastic plastics
- 1.2 terminals:Copper Alloy
Gold plated in contact area:
Tin plated in termination
Nickel Plated overall
- 1.3 Shell:Steel&Copper Alloy
Nickel/Au Plated overall

2.characteristics:

- 2.1 Rating Voltage : 30V AC.
 - 2.2 Rating Current:
5A for Vbus PIN;1.25A for Vconn PIN
 - 2.3 Contact Resistance:40 mΩ MAX.
 - 2.4 Insulation Resistance:100 MΩ MIN.
 - 2.5 Withstanding Voltage:AC 100V
 - 2.6 Mating force: 5~20N MAX
 - 2.7 Extraction force:8~20N Min
 - 2.8 Life test:10000Cycles MIN.
 - 2.9 Temperature Range: -30℃~+80℃.
- The product must be compliance ROHS

A1	GND	B12	GND
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	DP1	B7	DN2
A7	DN1	B6	DP2
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A12	GND	B1	GND
PIN	SIGNAL NAME	PIN	SIGNAL NAME

TOLERANCE TABLE	
.0	±0.30
.00	±0.20
.000	±0.05

APPROVED:	DATE:	Ckmtw 深圳市灿科盟实业有限公司 CHANKLEMENT INDUSTRYCO., LTD			
CHECKED:	DATE:	TITLE: Type-C 16P/F SMT 沉板H=2.1mm 三次模顶			
DRAWN: LYF	DATE: 2025-06-24	PART. NO.	U-USBTM16P-F401		
		UNIT	mm	SCALE	free
		FILE NO.	Ckmtw-usb3.1-0082	REV.	A