


NOTES:

- 1.MATERIAL:
MOLDING: LCP UL94 V-0
CONTACT: COPPER ALLOY.
NICKEL PLATING ALL OVER
GOLD PLATED ON THE FUNCTIONAL AREA OF CONTACT.
GOLD PLATED ON SOLDER AREA
SHELL: SUS304-H,T=0.30±0.03mm
NICKEL PLATING OVER ALL.
- 2.MECHANICAL:
INSERTION: 5~20N.
EXTRACTION: 8~20N AFTER TEST .
- 3.ELECTRICAL:
CURRENT: 5A FOR VBUS;
1.25A FOR GND PIN.
0.25A FOR OTHER.
VOLTAGE: 20 V MAX
WITHSTANDING VOLTAGE: 100V AC R.M.S
CONTACT RESISTANCE: 40mΩ MAX.
INSULATION RESISTANCE: 100MΩ MIN.
- 4.ENVIRONMENTAL
TEMPERATURE RANGE -55°C ~ +85°C

USB TYPE-C PIN ASSIGNMENTS

PIN	SIGNAL NAME	PIN	SIGNAL NAME
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

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

		GENERAL TOLERANCE		制图 DRAWING		 深圳市华灿天禄电子有限公司 ShenzhenhuaciantianluELECTRONICS CO.,LTD			
		DIM	TOL	审核 CHECK					
		X.X	±0.30	批准 APPROVAL		产品名称 TITLE	Type C F 16P 板上 L7.35mm	版本 REV.	A
1		初版发行		比例 SCALE		产品料号 PART NO.	HC-TYPE-C-16P-01A	单位 UNITS	mm
序号 No.	变更内容 MODIFY CONTENT	日期 MODIFY DATE	Angle	±3.0°	投影 Projection	材料 MATERIAL		页次 SHEET	1/2