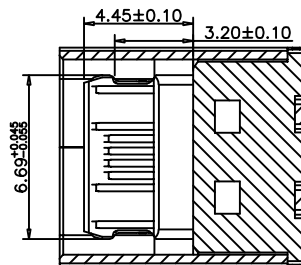
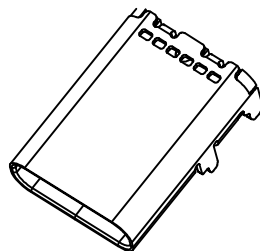
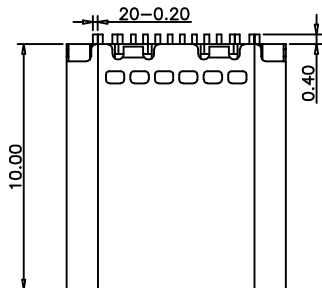


RoHS Compliant

SYMBOL	REV.	REVISION	APPROVAL	DATE



截面:A-A

NOTE:

1.MATERIAL SPECIFICATION:

- 1-1.HOUSING: LCP, UL94 V-0.
- 1-2.CONTACTS: C7025 T=0.12
- 1-3.MID PLATE: SUS304 T=0.15
- 1-4.SHELL: SUS304 T=0.30;

2.PLATING SPECIFICATION:

- 2-1.CONTACTS:
Ni 50u" MIN. UNDER PLATED OVER ALL.
Au1u" PLATED ON THE FUNCTIONAL AREA OF CONTACT.
PIN WELDING AREA GOLD FLASH.
- 2-2.SHELL:
Ni 50u" MIN. UNDER PLATED OVER ALL.
- 2-3.MID PLAT:
CLEANOUT

3.MECHANICAL PERFORMANCE,

- 3-1.INSERTION FORCE: 0.5~2.0kgf.
- 3-2.REMOVAL FORCE: 0.8kgf~2.0kgf.
- 3-3.DURABILITY: 10000 CYCLES.

4.ELECTRICAL PERFORMANCE,

- 4-1. CURRENT RATING: 5.0A
- 4-2.INSULATION RESISTANCE: 100MΩ MIN.
- 4-3.DIELECTRIC WITHSTAND VOLTAGE, AC 100V FOR 1 MINUTE.
- 4-4.LOW CONTACT RESISTANCE: INITIAL 40mΩ AFTER 50mΩ

5. ENVIRONMENTAL PERFORMANCE:

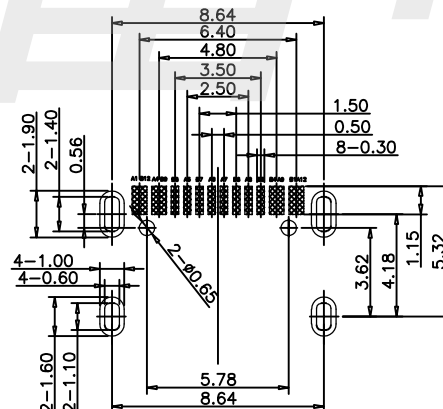
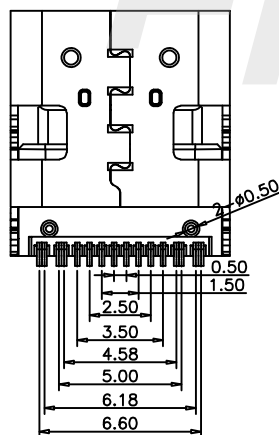
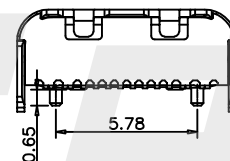
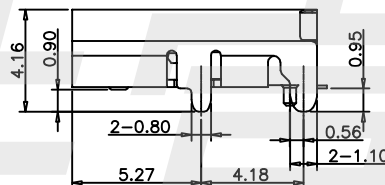
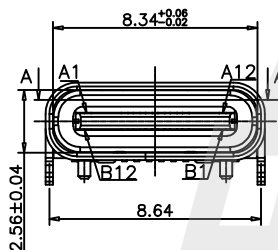
- OPERATING TEMPERATURE: -55°C~+85°C.

6.IR REFLOW:

- THE PEAK TEMPERATURE ON THE BOARD SHALL
BE MAINTAINED FOR 10 SECONDS AT 260°C.

USB TYPE-C PIN ASSIGNMENTS

PIN NUMBER	SIGNAL NAME	PIN NUMBER	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

CIKI 东莞市皓富电子科技有限公司
DONGGUAN HAOFU ELECTRONIC TECHNOLOGY CO.,LTD
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PART NAME		CONNECTOR		DRAWING	Z.L.Liang	DWG.No.	
PART NO.		HF-0599-C		CHECK	G.C.Chen	REV.	A0
UNIT: mm	TOLERANCE UNLESS OTHERWISE SPECIFIED	X.X ± 0.3 X.XX ± 0.2 X.XXX ± 0.1	ANGLE ±2°	APPROVAL	G.C.Chen	DATE	
				SCALE	1:1	PAGE	1 OF 1