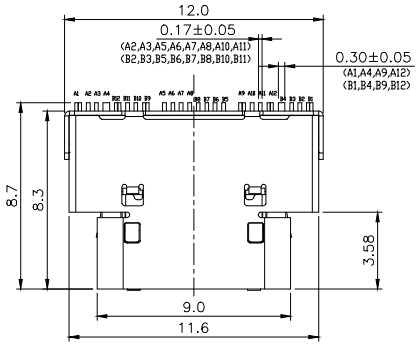
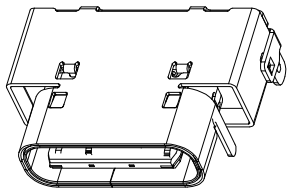
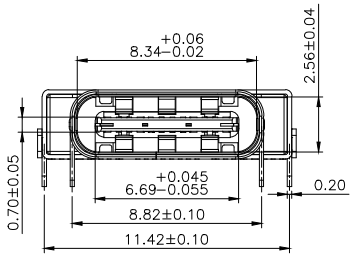
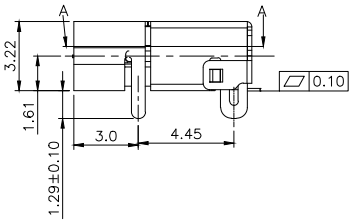
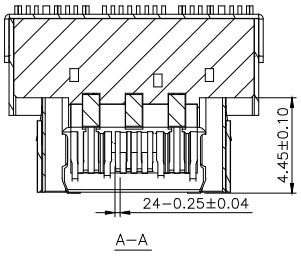
REV	DESCRIPTION	DATE	CHECK	APPROVAL
A0	NEW RELEASE	2024/01/19	MA	PENG

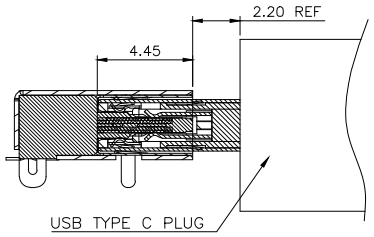












1.MATERIAL SPECIFICATION:
1−1.HOUSING: LCP+40%GF 94 V−0,COLOUR:BLACK.
1−2.CONTACTS:SPECIAL COPPER(C7025;T=0.12) .
1−3.SHELL:STAINLESS STEEL.
MID SHELL:STAINLESS STEEL.
2.PLATING SPECIFICATION:
2−1.CONTACTS:
30u" MIN Ni UNDERPLATED OVERALL.
G/F PLATED ON THE FUNCTIONAL AREA OF CONTACT
80u" MIN MATTE TIN PLATED ON SOLDER AREA.
2−2.SHELL:
OUT SHELL:Ni 50u" MIN PLATED OVERALL.
INSIDE SHELL:CLEAN OVERALL.
2−3.MID:
NI 30u"PLATED UNDERPLATED OVERALL
50u"MATTE TIN PLATEDON SOLDER AREA
3.HF COMPLIANT.
4. MECHANICAL PERFORMANCE:
4−1. MATING FORCE: 0.5~2.0Kgf.
4−2. UNMATING FORCE: 0.8~2.0Kgf(1~1000CYCLES).
4−3. UNMATING FORCE: 0.6~2.0Kgf(1001~10000CYCLES).
4−4. DURABILITY: 10000 CYCLES.
5. ELECTRICAL PERFORMANCE:
5−1. CURRENT RATING:1.25A FOR VBUS PIN AND ITS CORRESPONDING GND PIN
0.25A MIN FOR ALL OTHER CONTACTS
5−2. LLCR:
VBUS & GND PINS: 30mΩ/PIN MAX.
OTHER PINS: 40mΩ/PIN MAX.
LLCR MAX. CHANGE OF ALL PINS: 10mΩ.
5−3. INSULATION RESISTANCE: 100MΩ MIN.
6. ENVIRONMENTAL PERFORMANCE:
OPERATING TEMPERATURE: −25°C~+85°C.
7. RECOMMENDED PROCESS(IR REFLOW):
THE PEAK TEMPERATURE ON THE BOARD SHALL
MAINTAIN 10 SECONDS AT 260±5°C.

RoHS Compliant 2002/95/EC

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GENERAL TOLERANCE	
.X	0.30
.XX	0.20
.XXX	0.10
PROJECT	

鸿康科技（东莞）有限公司
Hongkang Technology (Dongguan) Co., Ltd

APPROVAL	CHECK	DRAWN	DATE
PENG	MA	ZHANG	2024/01/19

PART NO. UB146A−LBA20−RHA
TITLE. USB3.2 GEN2 C SMT CH=1.61mm L=8.3mm

UNIT	SCALE	NUMBER	REV
MM	1 : 1	A- 00	A0