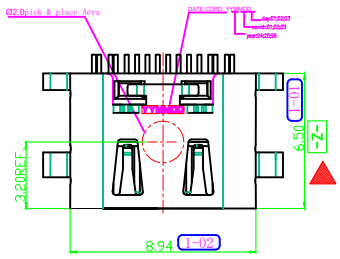
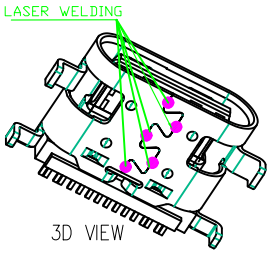
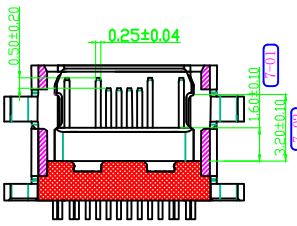
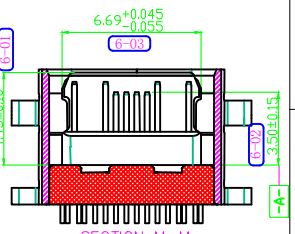
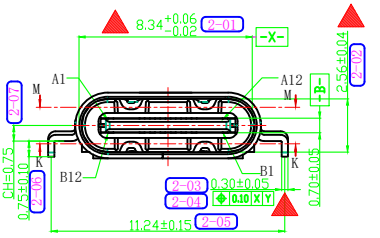
ECN NO.	REV	DATE	DESCRIPTION	APP'D
	A0	2020-5-19	drawing release	kevin
	A1	2024-5-6	drawing release	kevin
	A2	2024-6-13	drawing release	kevin
	A3	2024-10-8	drawing release	kevin
	A4	2024-11-14	drawing release	

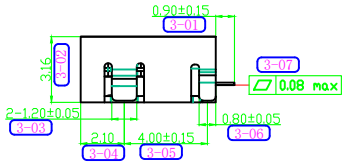


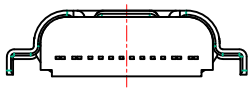


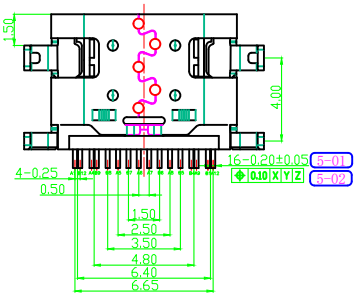


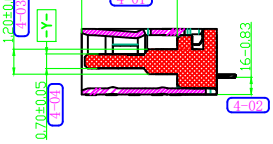












符号	管控
▲	CTQ
▽	CPK

NO.	DESCRIPTION	MATERIAL	REMARKS	QTY
6	SHELL	STAINLESS STEEL	NI 30U"under Plated over all	1PCS
5	SHIELDING PLATE	STAINLESS STEEL	---	1PCS
4	MD	HIGH TEMPERATURE PLASTIC	BLACK	1PCS
3	CONTACT	COPPER ALLOY	NI 50-150U"under Plated over all Contact area: Au:15U" Solder area: Au:1U"	1SET
2	CONTACT	COPPER ALLOY		1SET
1	HOUSING	HIGH TEMPERATURE PLASTIC	BLACK	1PCS

LINEAR		ANGLE
X.	±0.50	X.° ± 2°
.X	±0.30	.X° ± 1°
.XX	±0.20	.XX° ± 0.5°
.XXX	±0.10	
GENERAL TOLERANCE UNLESS OTHERWISE NOTED		

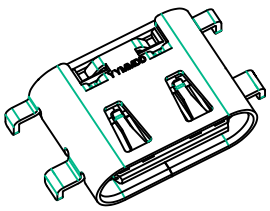
NAME(INTENDED USE) TYPE C F
PART NO.(INTENDED USE) UB08-81421Q16
APPD:
CHKD: kevin.huang
DR: zhangwanzi 5/6-24

东莞市全晟通精密制造有限公司
DONGGUAN QUAN SHENG TONG PRECISION MANUFACTURING CO. LTD.

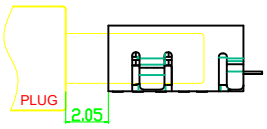
TITLE: CUSTOMER DRAWING
C F 单排16P CH=0.75 沉板0.83 CONN

DWG NO.: UB-0017

UNITS	SCALE	SHEET	REV.
mm	N/A	1/2	A4



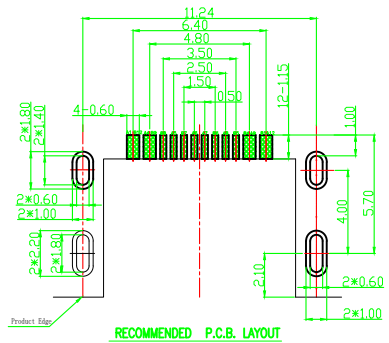
3D VIEW



RECEPTACAL
AFTER MATING

SPECIFICATION:
1.ELECTRICAL CHARACTERISTICS:
1.1CURRENT RATING:VUS 5A,Vconn Pin 1.25A All Other pins:0.25A.
1.2CONTACT RESISTANCE: 40 MILLIONHM MAX.
1.3DIELECTRIC WITHSTANDING VOLTAGE: 100 VAC r.m.s
1.4INSULATION RESISTNACE:100MEGOHMS MIN.
2.MECHANICAL CHARACTERISTICS
2.1INSERTION FORCE:5~20N
2.2EXTRACTION FORCE:Initial:8~20N;Durability:6~20N(1000cycles)
2.3DURABILITY:10,000CYCLES
3.ENVIRONMENTAL CHARACTERISTICS
3.1TEMPERATURE RANGE:-40°C~ 85°C
3.2.IR REFLOW:
THE PEAK TEMPERATURE ON THE BOARD SHALL
BE MAINTAINED FOR 10 SECONDS AT 260°C

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

NO.	DESCRIPTION	MATERIAL	REMARKS	QTY
6	SHELL	STAINLESS STEEL	NI 30U"under Plated over all	1PCS
5	SHIELDING PLATE	STAINLESS STEEL	No surface treatment	1PCS
4	MD	HIGH TEMPERATURE PLASTIC	BLACK	1PCS
3	CONTACT	COPPER ALLOY	NI 50-150U"under Plated over all Contact area: Au:15U" Solder area: Au:1U"	1SET
2	CONTACT	COPPER ALLOY		1SET
1	HOUSING	HIGH TEMPERATURE PLASTIC	BLACK	1PCS

LINEAR		ANGLE
X.	±0.50	X.° ± 2°
.X	±0.30	.X° ± 1°
.XX	±0.20	.XX° ± 0.5°
.XXX	±0.10	
GENERAL TOLERANCE UNLESS OTHERWISE NOTED		

NAME(INTENDED USE) TYPE C F
PART NO.(INTENDED USE) UB08-81421Q16
APPD:
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TITLE: CUSTOMER DRAWING
C F 单排16P CH=0.75 沉板0.83 CONN

DWG NO.: UB-0017

UNITS	SCALE	SHEET	REV.
mm	N/A	2/2	A4

符号	管控
▲	CTQ
▽	CPK