

SPECIFICATIONS:

- 1. ELECTRICAL CHARACTERISTICS:**
 - 1.1. RATING: 3A;
 - 1.2. CONTACT RESISTANCE: 30 mΩ MAX.(INITIAL);
 - 1.3. DIELECTRIC WITHSTANDING: 100V AC MIN.;
 - 1.4. INSULATION RESISTANCE: 100MΩ MIN.;
- 2. DURABILITY: 10,000 CYCLES MIN.;**
- 3. INSERTION FORCE: 5-20N;**
- 4. EXTRACTION FORCE: 6-20N;**
- 5. WATER PROOFNESS:THIS PRODUCT IS BASED ON IPX6.**
- 6. PLUG INTERFACE DIMENSIONS COMFORM TO USB2.0 SPEC.**
- 7. PACKAGING: TAPE & REEL.**

Technical drawing of a rectangular plate with the following dimensions and specifications:

- Overall width: 11.60
- Overall height: 5.25
- Top edge features:
 - Four vertical slots, each 0.70 wide and 0.76 deep.
 - Four vertical slots, each 1.00 wide and 0.80 deep.
 - Four vertical slots, each 3.04 wide and 5.50 deep.
- Bottom edge features:
 - Four vertical slots, each 4-1.10 wide and 4-0.50 deep.
 - Four vertical slots, each 1.10 wide and 1.85 deep.
 - Four vertical slots, each 3.00 wide and 5.25 deep.
- Internal dimensions: 10.24 (width), 1.85 (height), 3.00 (height), 1.10 (width), 4-1.10 (width), 4-0.50 (width).

RECOMMENDED P.C.B. LAYOUT
TOLERANCE UNSPECIFIED $\pm 0.05\text{mm}$

A5	CC1	B12	GND
A9	VBUS	B9	VBUS
A12	GND	B5	CC2
PIN	SIGNAL NAME	PIN	SIGNAL NAME

3	Shell	1	SUS304R-1/2H Ni PlatingT=0.25mm	
2	Contact	6	Phosphor bronze C5191R-EH Au/Ni Plating T=0.20mm	
1	Housing	1	PA10T (G.F30%)	
ITEM	PART NAME	Q'TY	FINISH	NOTE

AUGO Dongguan Augo Electronics Co.,Ltd 地址:广东省东莞市黄江镇新市东江路6号富汇·创园 电话:0769-83363791	东莞市欧高电子有限公司		REV:	O1	UNLESS OTHERWISE SPECIFIED,TOLERANCE:		TITLE:	TYPE-C CONNECTOR	DESIGN	G.C.CHEN	DATE	2024/07/19
			SIZE:	A4	X.±0.20				DRAWING	Y.C.ZHANG	DATE	2024/07/19
			SCALE:1:1	UNIT:mm	X.x±0.15		PART NO:	US04-820WT-0013-00	CHECK	D.J.WANG	DATE	2024/07/20
	COPYRIGHT RESERVED,PLEASE DO NOT COPY.		SHEET:1 / 1		X.xx±0.10 ANGULAR±2°				SCALE	1:1	PAGE	1 OF 1

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REV:	01
SIZE:	A4
SCALE: 1: 1	UNIT: mm
SHEET: 1 / 1	

UNLESS OTHERWISE
SPECIFIED, TOLERANCE:

X.	± 0.20
X.x	± 0.15
X.xx	± 0.10
ANGULAR	$\pm 2^\circ$

TITLE:	TYPE-C CONNECTOR
PART NO:	US04-820WT-0013-00

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