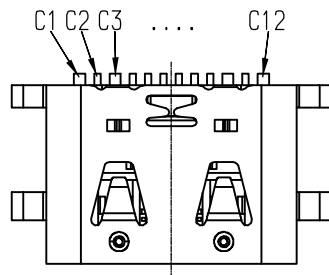
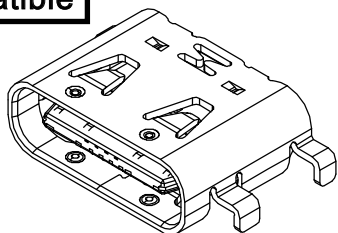


ROHS
Compatible



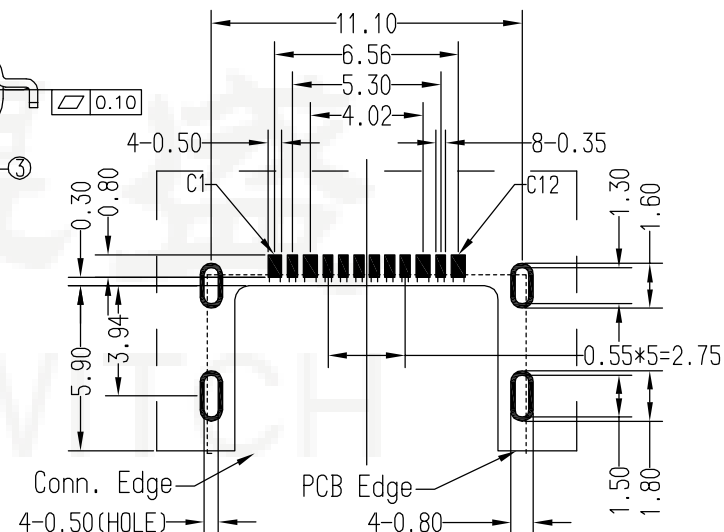
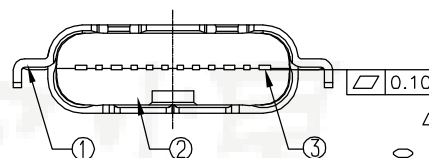
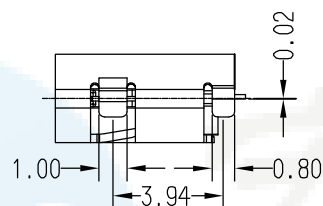
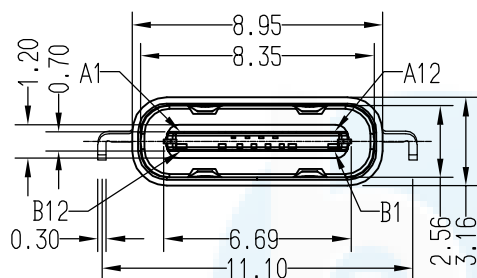
Dim A	Dim B
6.50	4.40
6.80	4.70
8.30	6.20

INTERFACE(FRONT VIEW)

A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12
GND	/	/	V _{BUS}	CC1	D+	D-	SBU1	V _{BUS}	/	/	GND
GND	/	/	V _{BUS}	SBU2	D-	D+	CC2	V _{BUS}	/	/	GND
B12	B11	B10	B9	B8	B7	B6	B5	B4	B3	B2	B1

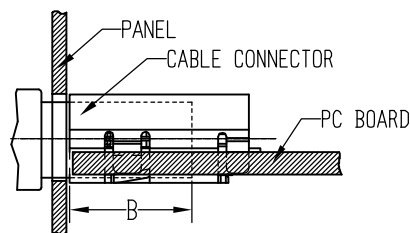
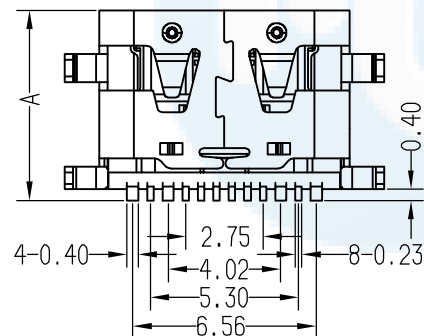
PIN ASSIGNMENT:

Pin No.	A1&B12	B8	A4&B9	B7	A5	A6	A7	A8	B6	A9&B4	B5	A12&B1
Signal Name	GND	SBU2	V _{BUS}	D-	CC1	D+	D-	SBU1	D+	V _{BUS}	CC2	GND
PCB PAD No.	C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12



NOTES:

- ELECTRICAL CHARACTERISTICS:
 - CONTACT CURRENT RATING:
5.0A FOR V_{BUS} PIN AND GND PIN.
0.25A MIN FOR ALL OTHER TERMINALS.
 - CONTACT RESISTANCE:
30MILLIOHM MAX FOR V_{BUS} AND GND CONTACTS.
50MILLIOHM MAX FOR ALL OTHER CONTACTS.
 - DIELECTRIC WITHSTANDING VOLTAGE:100 VRMS AC MIN.
 - INSULATION RESISTANCE:100 MEGOHMS MIN.
- MECHANICAL CHARACTERISTICS:
 - CONNECTOR INSERTION FORCE:5~20N.
AT A MAXIMUN RATE OF 12.5MM PER SECOND.
 - CONNECTOR EXTRACTION FORCE:8~20N.
AT A MAXIMUN RATE OF 12.5MM PER SECOND.
 - DURABILITY:10000 CYCLES.
 - OPERATING TEMPERATURE:-55° C TO +85° C.
- RECOMMENED PROCESS: IR REFLOW 260° C,3~5SECONDS.
- THE CONNECTOR IS RoHS COMPLIANT.



RECESSED MOUNTING CONFIGURATION

RECOMMENDED P.C.B LAYOUT (COMPONENT SIDE)

PCB THICKNESS: 0.80±0.05mm
DEFAULT TOLERANCE: ±0.05mm

③	CONTACT	12	COPPER ALLOY	NICKEL UNDERPLATING OVER ALL, GOLD PLATING AT CONTACT AREA AND TERMINATION.
②	PLASTIC	1	THERMOPLASTIC UL 94V-0	MOLDED COLOR: BLACK.
①	SHELL	1	STAINLESS STEEL	TAB WITH LEAD FREE TIN ALLOY.
NO.	DESCRIPTION	QTY	MATERIAL	TREATMENT

DESIGN	Li Jinwei	SCALL	
DRAWING	Wu Qifa	UNIT	mm
CHECK	Zheng Jinxian	SIZE	A4: 210 * 297
APPROVAL	Liu Xiaohong	DATE	2020-06-10

TOLERANCE	
X.X ±0.30	X.°±2°
.XX ±0.20	.X.°±1°
.XXX ±0.10	.XX°±0.5°

DRAWG NO.

TYPE-C-CDST16P088

TITLE:

16P沉板0.88 带背弹



东莞市宏煜盛实业有限公司
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