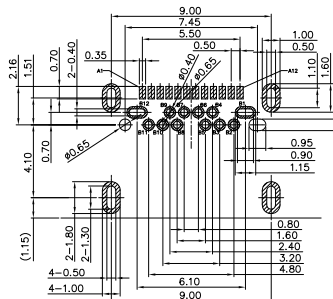
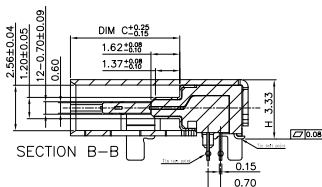
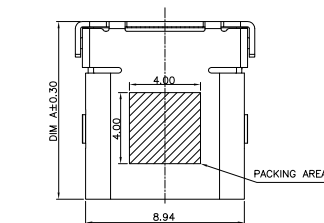


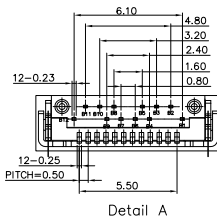
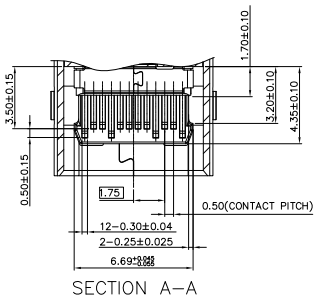
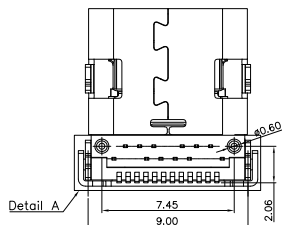
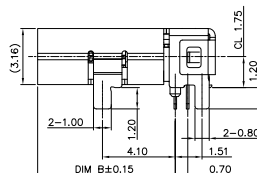
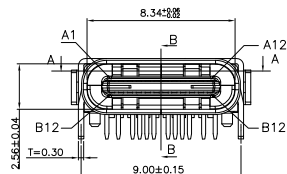
RoHS



RECOMMEND P.C.B LAYOUT (COMPONENT SIDE)

TOLERANCE FOR PCB LAYOUT IS ± 0.05

KEEP OUT AREA 



NOTES: 1. MATERIAL:
MOLDING: LCP UL94 V-0
CONTACT: COPPER ALLOY.
GOLD PLATED Min ON CONTACT AREA, 100u”
Min TIN (LEAD FREE) ON SOLDER AREA,
SHELL: SUS304-1/2H, T=0.30±0.03mm
50u” NICKEL PLATING OVER ALL.
EMI-SHELL: SUS304-H, T=0.12±0.03mm
Shield SHELL: SUS301-H, T=0.15±0.01mm

2.MECHANICAL:
 INSERTION: 5~20N.
 EXTRACTION: 8~20N AFTER TEST.
 DURABILITY: 10000 CYCLES

3.ELECTRICAL:
 CURRENT: 3A FOR VBUS;
 1.25A FOR GND PIN.
 0.25A FOR OTHER.
 VOLTAGE: 20 V MAX
 WITHSTANDING VOLTAGE: 100V AC R.M.S.
 CONTACT RESISTANCE: 40mΩ MAX.
 INSULATION RESISTANCE: 100MΩ MIN.

4.ENVIRONMENTAL
 TEMPERATURE RANGE -55°C ~ +85°C

Pin	Signal Name	Description	Pin	Signal Name	Description
A1	GND	Ground return	B12	GND	Ground return
A2	SSTxp1	Positive half of first SuperSpeed TX differential pair	B11	SSRxp1	Positive half of first SuperSpeed RX differential pair
A3	SSTxn1	Negative half of first SuperSpeed TX differential pair	B10	SSRxn1	Negative half of first SuperSpeed RX differential pair
A4	V _{bus}	Bus Power	B9	V _{bus}	Bus Power
A5	CC1	Configuration Channel	B8	SBU2	Sideband Use (SBU)
A6	Dp1	Positive half of the USB 2.0 differential pair-Position 1	B7	Dn2	Negative half of the USB 2.0 differential pair-Position 2
A7	Dn1	Negative half of the USB 2.0 differential pair-Position 1	B6	Dp2	Positive half of the USB 2.0 differential pair-Position 2
A8	SBU1	Sideband Use (SBU)	B5	CC2	Configuration Channel
A9	V _{bus}	Bus Power	B4	V _{bus}	Bus Power
A10	SSRxn2	Negative half of second SuperSpeed RX differential pair	B3	SSTxn2	Negative half of second SuperSpeed TX differential pair
A11	SSRxp2	Positive half of second SuperSpeed RX differential pair	B2	SSTxp2	Positive half of second SuperSpeed TX differential pair
A12	GND	Ground return	B1	GND	Ground return

ST-C-24DT-XXX	DIM A	DIM B	DIM C
ST-C-24DT-100	10.00	7.75	6.15
ST-C-24DT-865	8.65	6.40	4.80

发放部门

行政部

业务部

采购部

工程部

品质部

生产部

标 记	处 数		更改文件号	签 字	日 期	
设 计	C Y	日 期	22.03.30	标准化		日 期
校 对	L P J	日 期	22.03.30	审 定		日 期
工 艺		日 期				
审 核	L Z W	日 期	22.03.30			

深圳市富港科技有限公司

视图 

TYPE-C 24PIN板上
前插后贴母座 单壳

图样标记		重量	比例
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共 页	第 页
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ST-C-24DT-XXX