

NOTE:

1.MATERIAL:

1.1 INSULATOR:HIGH TEMPERATURE
PLASTIC UL94V-0

1.2 CONTACT: COPPER ALLOY

1.3 SHELL:STAINLESS STEEL

2.ELECTRICAL CHARACTERISTICS

2.1 CONTACT RESISTANCE: 40mΩ Max
FOR INITIAL. 10mΩ CHANGE AFTER
TEST.MEASURE AT 20mV,100ma.

2.2 CONTACT CURRENT RANTING: 3A
FOR Vbus PIN; 1.25A FOR Vconn PIN

2.3 DIELECTRIC WITHSTANDING VOLTAGE:
100V AC R.M.S

2.4 INSULATION RESISTANCE 100MΩ Min

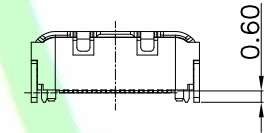
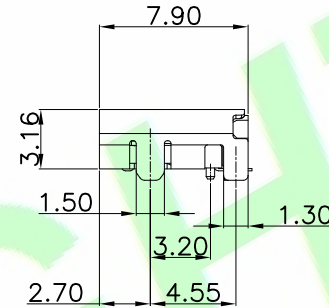
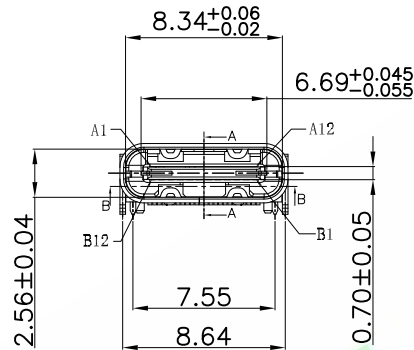
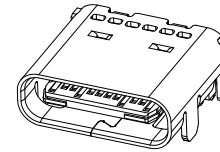
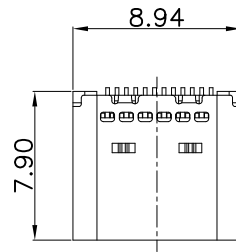
2.5 OPERATING TEMPERATURE: -25°C~85°C

3.MECHANICAL CHARACTERISSTICS:

3.1 MATING FORCE:5~20N

3.2 UNMATED FORCE:8~20N AFTER TEST

3.3DURABILITY: 10000 CYCLES



Ordering Information

USB050CF-24HX-01-G

1 2 3 4 5 6

1: — Series No.

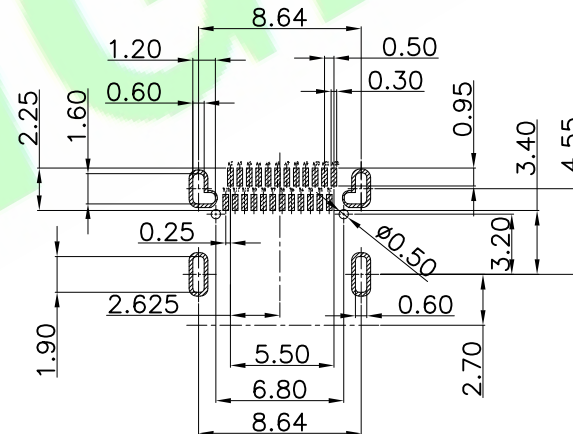
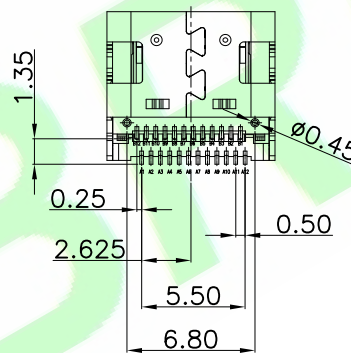
2: — CF:C Type Female

3: — No.of Positions

4: — H:Horizontal SMT Type

5: — A1:Gold flash on contact;Tin on tail
V:3u" Gold on contact;Tin on tail
N3:5u" Gold on contact;Tin on tail

6: — G:W/O Cap In Tape&Reel



RECOMMENDED P.C.B. LAYOUT
TOLERANCE UNSPECIFIED ±0.05mm

A1	GND	B12	GND
A2	SSTXP1	B11	SSRXN1
A3	SSTXN1	B10	SSRXN1
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	DP1	B7	DN2
A7	DN1	B6	DP2
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A10	SSRXN2	B3	SSTXN2
A11	SSRXN2	B2	SSTXP2
A12	GND	B1	GND
PIN	SIGNAL NAME	.PIN	SIGNAL NAME

5X				DR.BY.: Apeng	GENERAL TOLERANCE:	PART NO : USB050CF-24HX-01-G	HJBRIGHT® 東莞市華晶電子有限公司 BRIGHE-E ELECTRONIC TECHNOLOGY LIMITED	
4X				CHKD.: Aren	LINEAR ANGLES	DWG. NO.:		
3X				APPD.: Billy	X.: ±0.30 X': ±2.0°	TITLE : USBCF 0.5 TYPE SMT	SHEET: 1/2	THIRD ANGLE PROJECTION
2X					X.X: ±0.25 X.X': ±1.0°	DATE: 10-Nov-2021	SCALE: 1:1	
1X	ORIGINAL	Apeng			X.XX: ±0.15 X.XX': ±0.5°		UNIT: mm	
REV	DESCRIPTION	DR.BY	ECN. NO.		X.XXX: ±0.05 X.XXX':			A4

USB C F TYPE 双排SMT
四脚插板 有柱 CONN

① 产品入载带示意图

② 卷盘贴标签示意图

载带保护带

③ 10盘产品叠层示意图

防水袋封口面朝上
封口面

④ 10盘产品入防水袋示意图

三角套 (4pcs)

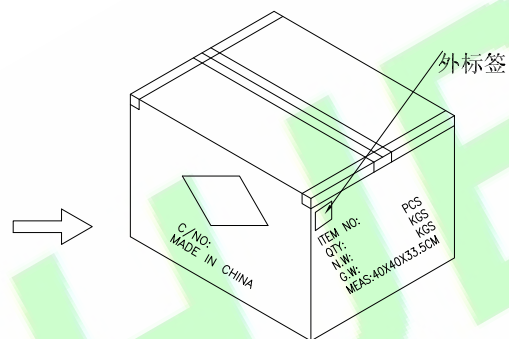
纸板 (2pcs)

分别放在外箱
底面和最上面

外箱

⑤ 产品入外箱示意图

每卷数量	每箱数量	净重	毛重
900Pcs/Reel	9000Pcs/箱	4.95kg	9.895kg



⑥ 外箱封箱示意图

NOTE:

1. QUANTITY/REEL: 900 PCS
数量/卷: 900 PCS
QUANTITY/INNER CARTON: 900 X 10 = 9000 PCS
数量/箱: 900 X 10 = 9000 PCS
2. FREE 27 CAVE IN THE FRONT CARRIER AND FREE
27 CAVE IN THE END CARRIER.
包装带内圈空27格, 外圈空27格.

ITEM	DESC.	MATERIAL	REMARKS	QTY
1	成品		C TYPE 母座成品	900
2	CARRIER TAPE	PET	W=24mm T=0.35mm	15.26mm
3	COVER TAPE	PET	W=21.3mm T=0.05mm	16.26mm
4	小标签		L102mm*W59mm	10
5	卷盘	PS	ø330mm*W28.5mm	10
6	天地板	K3K	L380mm*W380mm	2
7	外标签		L102mm*W102mm	1
8	三角柱	K=K	L300mm*W210mm	4
9	外箱	A=A	L400mm*W400mm*H335mm	1
10	防水袋	PS	L900mm*W800mm	1
11	干燥剂			1

5X			
4X			
3X			
2X			
1X	ORIGINAL	Apeng	
REV.	DESCRIPTION	DR.BY	ECN. NO.

DR.BY:	Apeng	GENERAL TOLERANCE:	
CHKD.:	Aren	LINEAR	ANGLES
APPD.:	Billy	X.: ±0.30	X': ±2.0°
		X.X: ±0.25	X.X': ±1.0°
		X.XX: ±0.15	X.XX': ±0.5°
		X.XXX: ±0.05	X.XXX':

PART NO.:	USB050CF-24HX-01-G
DWG. NO.:	
TITLE:	USBCF 0.5 TYPE SMT
DATE:	10-Nov-2021

HJBRIGHT 东莞市华晶电子有限公司	
BRIGHE-E ELECTRONIC TECHNOLOGY LIMITED	
SHEET: 2/2	THIRD ANGLE PROJECTION
SCALE: 1:1	
UNIT: mm	
A4	