

USB TYPE-C FULL-FEATURED RECEPTACLE INTERFACE PIN ASSIGNMENTS

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	Vbus	Bus Power	B9	Vbus	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	Vbus	Bus Power	B4	Vbus	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

NOTES:

1.MECHANICAL:

INSERTION: 5~20N.

EXTRACTION: 8~20N.

DURABILITY: 10000 CYCLES

2.ELECTRICAL:

CURRENT RATING: 3A MAX

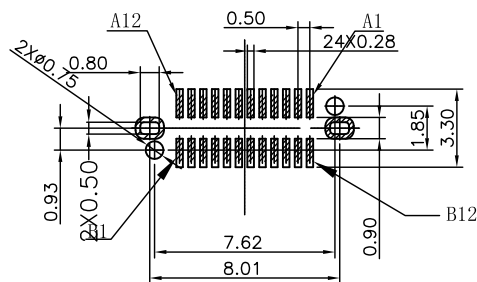
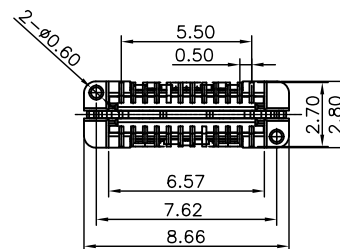
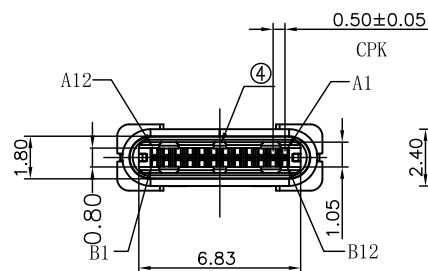
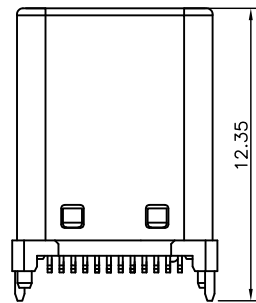
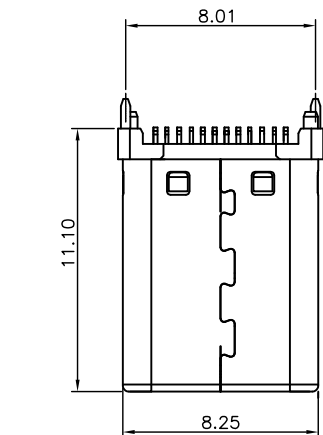
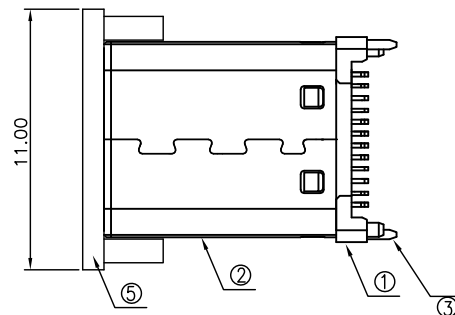
WITHSTANDING VOLTAGE: 100V AC.

CONTACT RESISTANCE: 40mΩ MAX.

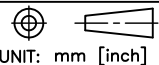
INSULATION RESISTANCE: 100MΩ MIN.

3.ENVIRONMENTAL

TEMPERATURE RANGE -30°C ~ +85°C

RECOMMENDED PCB LAYOUT(l=0.80±0.05)
COMPONENT SIDE(GENERAL TOLERANCE:±0.05)

5	COVER	HIGH TEMPERATURE PLASTIC	LCP BLACK	1PCS
4	SPRING	STAINLESS STEEL	---	2PCS
3	LATCH	STAINLESS STEEL	TIN: 80~120u"Min/Ni base: 50u"Min Plated	1PCS
2	SHELL	STAINLESS STEEL	Ni: 50u"Min Plated	1PCS
1	TERMINAL HOUSING	HIGH TEMPERATURE PLASTIC	LCP BLACK/CONTACT: Au: 3u"Min Ni base: 50u"Min	2PCS
NO.	DESCRIPTION	MATERIAL	REMARKS	QTY

 深圳市华宇创精密电子有限公司			
TOLERANCE: X.X ±0.30 X.XX ±0.25 X.XXX ±0.15 X' ±2" X.X' ±0.5'	DRAWN BY :	DATE :	PART NAME:
	陈一鸣	2014-02-23	USB TYPE C 公座24P 立贴11.0H 无铁壳脚
 UNIT: mm [inch] SCALE:1:1 SIZE: A4	CHECKED BY:	DATE :	PART NO.
	马跃	2014-02-23	HYCW624-USBC24-110B
	APPROVED BY:	DATE :	DRAW NO:
	邱敏	2014-02-23	HYC-2511131029
		SHEET NO.	1 OF 1