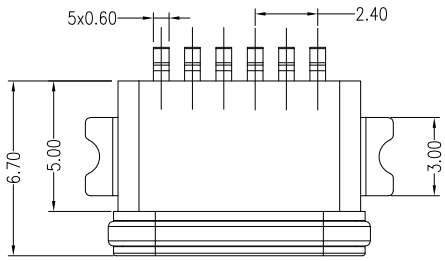
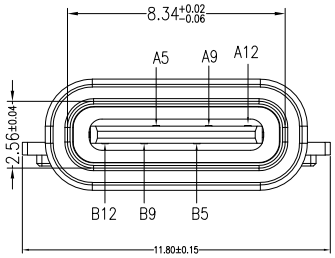
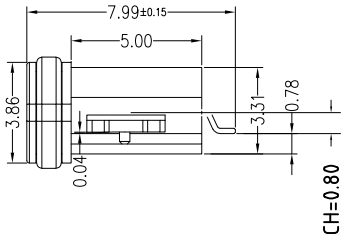
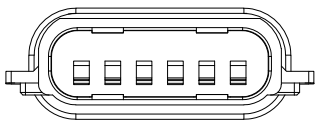
Dept / Qty	
DC	1
ED	1
IE	1
ISO	1
PD	1
R&D	1
SD	1
QA	1
QC	1
QE	1

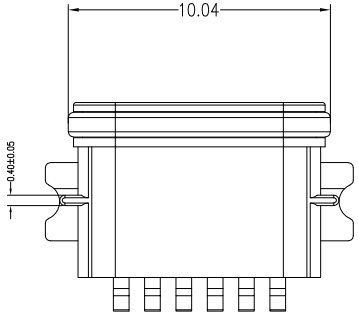
REV.	DESCRIPTION	DRAWN	CHECKED	APPROVED
A	NEW RELEASE	JLZ 01/18/21'		

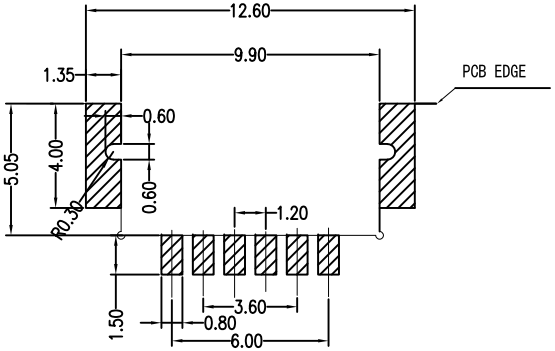












PCB LAYOUT(For Reference Only)

Note:

1.Material:
- 1.1 Housing: PA9T
- 1.2 Contact:C5191,t=0.20mm
- 1.3 Shell: Kirsite

2.ELECTRICAL:
- 2-1:CURRENT RATING:
  VBUS AND GND CONTACTS RATED AT 1.25A
  PARALLELED FOR A TOTAL OF 5A;
- 2-2:INITIAL CONTACT RESISTANCE :40 MEGOHMS
- 2-3:DIEELECTRIC WITHSTANDING VOLTAGE:
  100V AC MIN;

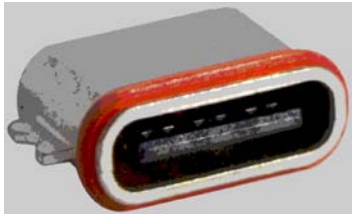
3:MECHANICAL CHARACTERISTICS:
- 3-1:MATING FORCE:5~20N
- 3-2:UNMATING FORCE:8~20N(INITIAL),
  6~20N(AFTER 10000 CYCLES)
- 3-3:FREQUENCE: 200±50 CYCLES /HOUR,10000 CYCLES
- 3-4:OPERATING TEMPERATURE ;-40°~80°.

4: WATERPROOF: IP-X7.

5.Product number code:

DS1144-50 - X X X X X X X

- No. of contacts: 6: 6pin
- Connector type: F: Female
- Mounting type: S: SMT type
- Packing Type: R: Tape On Reel
- Shell Plating: 0: Kirsite
- Housing color: B: Black
- Contact Plating: 4:Selective 3u" gold; 0:Selective gold flash



(Series Image-Reference Only)

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

GENERAL TOLERANCE		ANGLE TOLERANCE	
X.	±0.60	X.	±5°
.X	±0.38	.X	±3°
.XX	±0.25	.XX	±2°

DRAWING TYPE	CUSTOMER		
SCALE	1:1	SHEET	1 OF 1
DRAWING NO.	C-DS1144-50-XXXXXX-A		

PROJECTION		TITLE	USB C Type 6P Female SMT Type L=6.7mm Centre-H=0.8mm Waterproof Grade IP-X7
UNITS	mm		
SHEET SIZE	A4	SERIES	DS1144-50 SERIES

晨翔电子有限公司

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