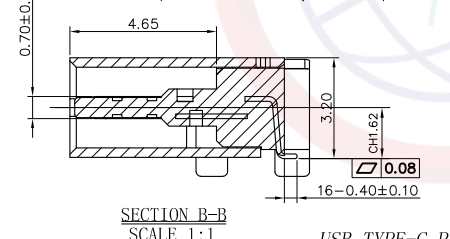
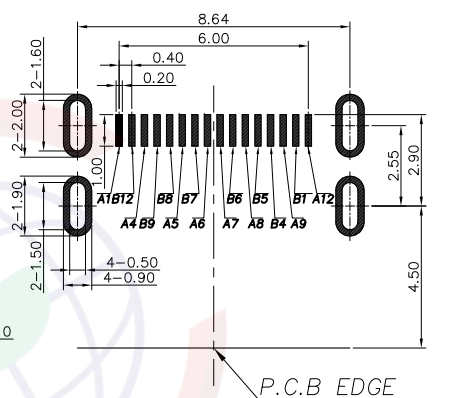
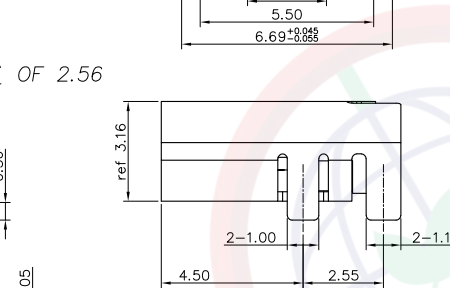
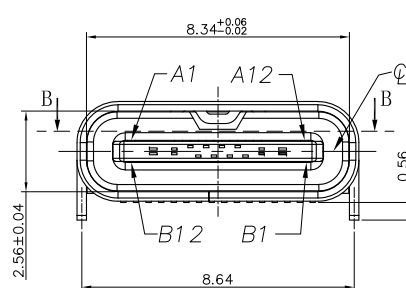
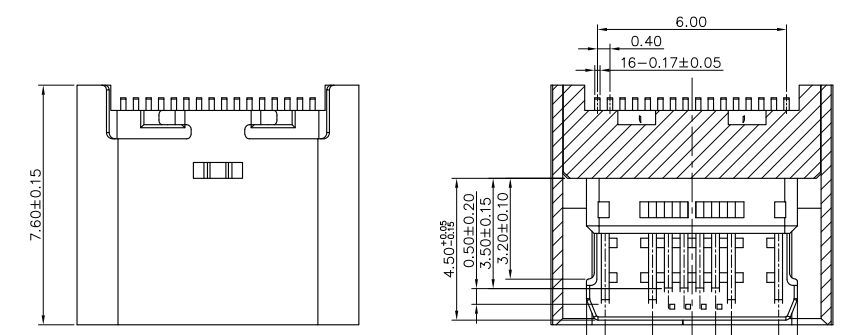


Dept	
Qty	
DC	1
ED	1
IE	1
ISO	1
PD	1
R&D	1
SD	1
QA	1
QC	1
QE	1

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



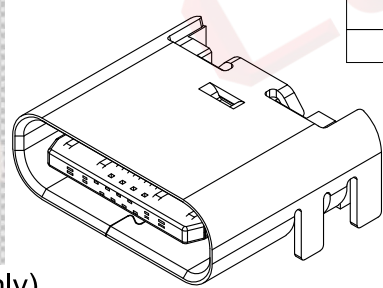
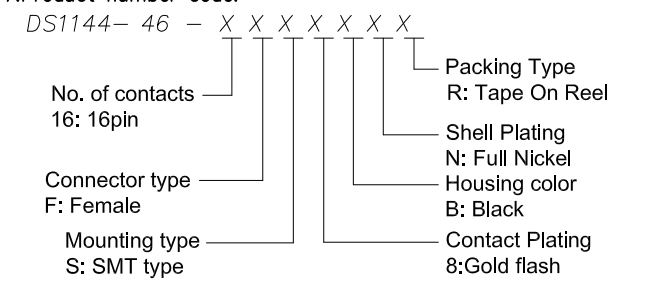
SECTION B-B  
SCALE 1:1

RECOMMEND P.C.B LAYOUT (COMPONENT SIDE)  
TOLERANCE FOR PCB LAYOUT IS ± 0.05

USB TYPE-C PIN ASSIGNMENTS

PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A1	GND	B12	GND
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	Dp1	B7	Dn2
A7	Dn1	B6	Dp2
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A12	GND	B1	GND

- NOTE:
- MATERIAL SPECIFICATION:
    - HOUSING: LCP/PA46, UL94 V-0.
    - CONTACTS: C2680/C5191
    - SHELL: SUS304/SUS201
  - PLATING SPECIFICATION:
    - CONTACTS:
      - Ni 50u" MIN. UNDER PLATED OVER ALL.
      - Au PLATED ON THE FUNCTIONAL AREA OF CONTACT. (GOLD PLATING THICKNESS FOLLOW THE P/N)
      - GOLD FLASH PLATING ON SOLDER AREA
    - SHELL:
      - Ni 30u" MIN. UNDER PLATED OVER ALL.
  - MECHANICAL PERFORMANCE,
    - INSERTION FORCE: 0.5~2.0kgf.
    - REMOVAL FORCE: 0.8kgf~2.0kgf.
    - DURABILITY: 3000 CYCLES.
  - ELECTRICAL PERFORMANCE,
    - CURRENT RATING: 2.0A  
VOLTAGE RATING: 5.0V
    - INSULATION RESISTANCE: 100MΩ MIN
    - DIELECTRIC WITHSTAND VOLTAGE, AC 100V FOR 1 MINUTE.
    - LOW CONTACT RESISTANCE: INITIAL 40MΩ / AFTER 50MΩ
  - ENVIRONMENTAL PERFORMANCE:
    - OPERATING TEMPERATURE: -30°C~+80°C.
  - IR REFLOW:
    - THE PEAK TEMPERATURE ON THE BOARD SHALL BE MAINTAINED FOR 10 SECONDS AT 260°C.
  - Product number code:



(Series Image-Reference Only)

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-DS1144-46-XXXXXX-A		

PROJECTION	TITLE
	USB C Type 16P Female SMT Type L=7.6mm Centre-H=1.62mm
UNITS	mm
SHEET SIZE	A4
SERIES	DS1144-46 SERIES

晨翔电子有限公司  
CONNPLY CONNPLY ELECTRONIC CO. LTD