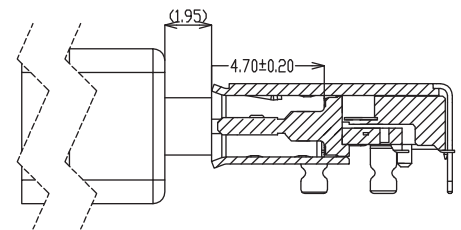
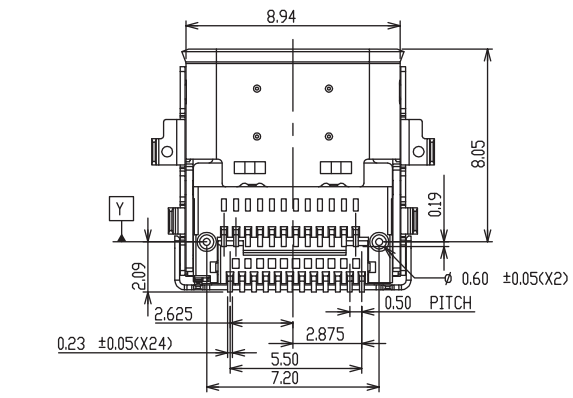
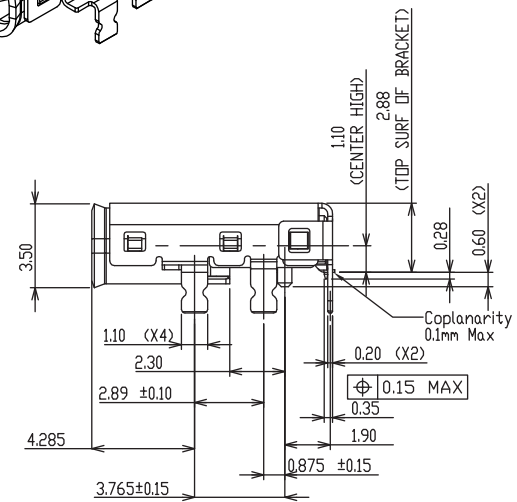
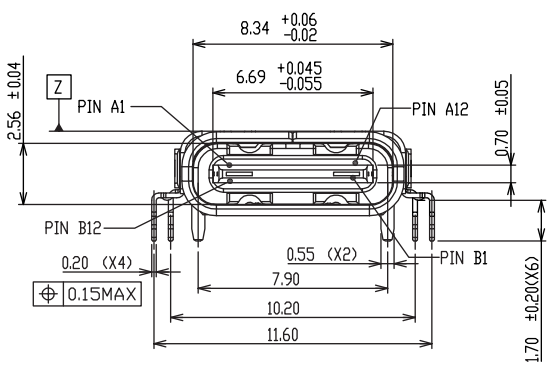
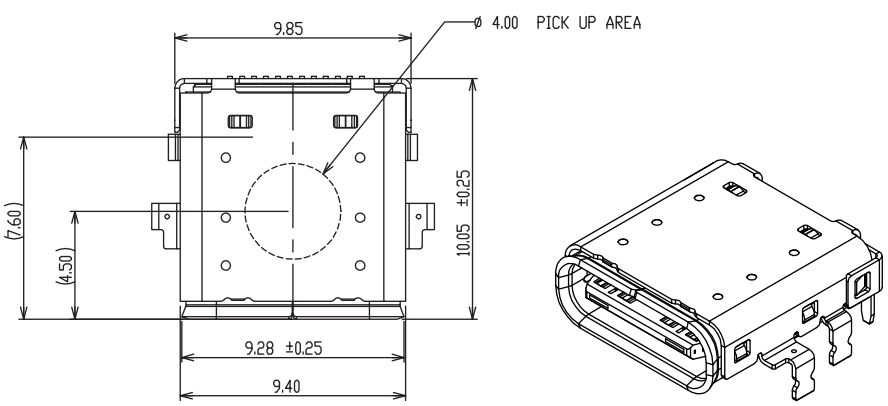


REV	DESCRIPTION	DATE
A	Initial Release	17:08.17



NOTES :

1.0 ELECTRICAL CHARACTERISTICS :

1.1 LOW LEVEL CONTACT RESISTANCE :
INITIAL : 40mΩ FOR ALL CONTACT MAXIMUM.
AFTER TEST: 50mΩ MAXIMUM

1.2 DIELECTRIC WITHSTANDING VOLTAGE:
100V AC FOR 1 MINUTE SEA LEVEL

1.3 INSULATION RESISTANCE:
100MΩ MINIMUM.

1.4 CURRENT RATING:
VBUS AND GND CONTACTS RATED AT 1.25A EA.
PARALLEL FOR A TOTAL OF 5A

2.0 MECHANICAL CHARACTERISTICS:

2.1 INSERTION FORCE: 1~10000 CYCLES 5N~20N

2.2 EXTRACTION FORCE:
INITIAL EXTRACTION FORCE 6TH CYCLES OF 8N ~ 20 N
(1~5 INSERTION/EXTRACTION PRECONDITIONING CYCLES)
DURABILITY 32TH EXTRACTION FORCE SHALL BE 33% OF THE INITIAL READING
AND WITHIN THE RANGE 8 N ~ 20 N.
(6 CYCLES ADDITIONAL 25 INSERTION/EXTRACTION CYCLES)
AFTER DURABILITY 10,000 CYCLES OF 6N ~ 20N

2.3 DURABILITY:10,000 CYCLES.

3.0 OPERATING TEMPERATURE: -55°C TO +85°C

PART NO.
UB31CR33LB - 24 F K xx x x - 2
1 2 3 4 5 6

- Contact Positions:
24 : 24 pins
- Contact Type:
F : Female Receptacle
- Insulator Color:
K : Black
- Contact Plating:
01 : Selective G/F
30 : Selective 30u' Gold
- Shell Plating:
N : Solderable Nickel
- Housing:
LCP

5	OUTER SHELL	1	~	METAL / NI PLATED
4	SHELL	1	~	METAL / NI PLATED
3	GROUND PLATE	1	~	METAL / NI PLATED
2	CONTACT	24	~	COPPER ALLOY/Au PLATED
1	HALF PRODUCT	1	~	HI-TEMP. G.F . UL94V-0
ITEM	NAME	Q'TY	PART#	MATERIAL / FINISH

PIN NO.	A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12
SIGNAL NAME	GND	SSTxp1	SSTxn1	VBUS	CC1	Dp1	Dn1	SBU1	VBUS	SSRXn2	SSRXp2	GND
PIN NO.	B12	B11	B10	B9	B8	B7	B6	B5	B4	B3	B2	B1
SIGNAL NAME	GND	SSRXp1	SSRXn1	VBUS	SBU2	Dn2	Dp2	CC2	VBUS	SSTXn2	SSTXp2	GND

TOLERANCES UNLESS OTHERWISE SPECIFIED
GENERAL: .XX ±0.25
.XX ±0.15
ANGLES: X: ±30°
XX: ±1.0°

PANSTRONG COMPANY LTD.

DRAWN BY TOMMY

CHECKED

APPROVED

DRAWING NO.

TITLE: USB TYPE-C 3.1(10Gps) CONN. RECEPTACLE-SMT TYPE CH 1.1mm

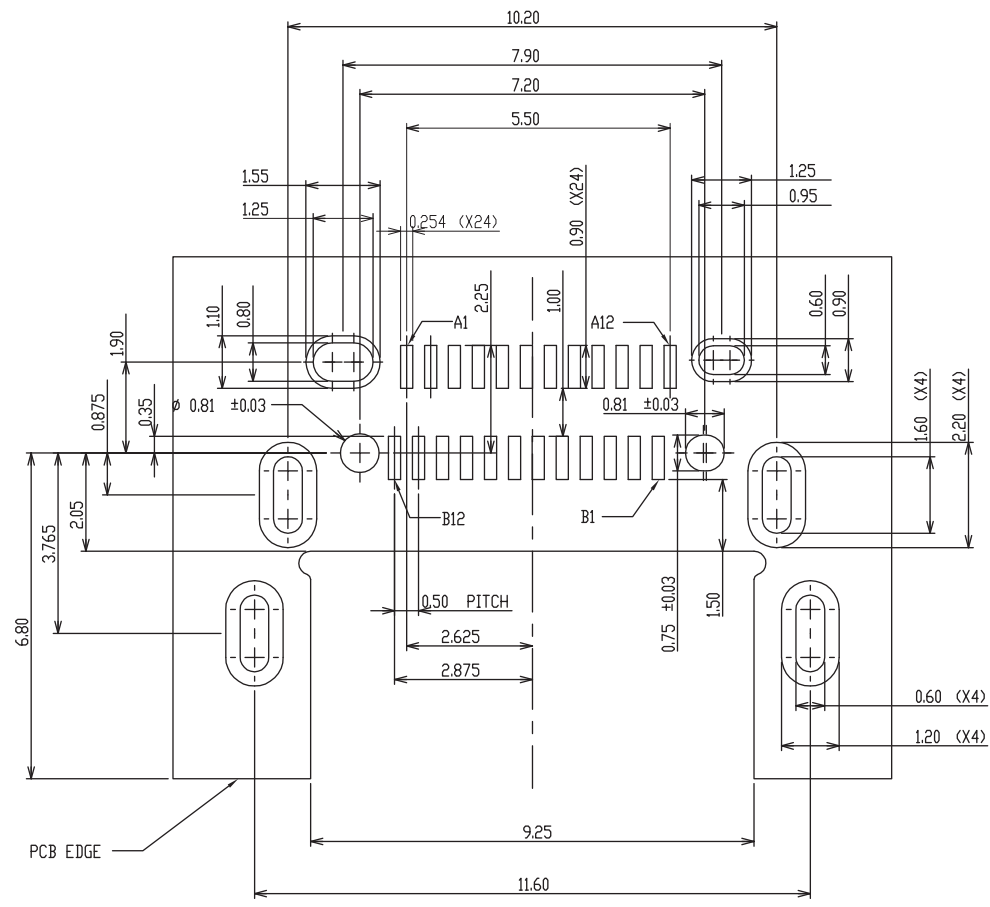
PART NO: UB31CR33LB-24FK-2

SCALE: 5:1

REV: A

UNIT: mm

REV	DESCRIPTION	DATE
A	Initial Release	17.08.17



RECOMMENDED PCB LAYOUT (TOP VIEW)
 THICKNESS 1.80mm
 TOLERANCE ± 0.05

TOLERANCES UNLESS OTHERWISE SPECIFIED
 GENERAL: .XX ±0.25
 .XXX ±0.15
 ANGLES: X: ±30°
 XX: ±50°
 XX: ±1.0°

		DRAWN BY		TOMMY
		CHECKED		
TITLE:		USB TYPE-C 3.1(10Gps) CONN. RECEPTACLE-SMT TYPE CH 1.1mm		
PART NO:		UB31CR33LB-24FK-2		
SCALE		5:1	REV	A
UNIT	mm			