

REV	DESCRIPTION	DATE
A	Initial Release	17.07.07

DATE CODE:
X X XX X
1 2 3 4

1. FACTORY:
L: LONGGANG
T: TIANJIN
K: KUNSHAN
2. YEAR:
16 >6 17 >7 1X >X
3. WEEK: 01~534. DAY: 1~7

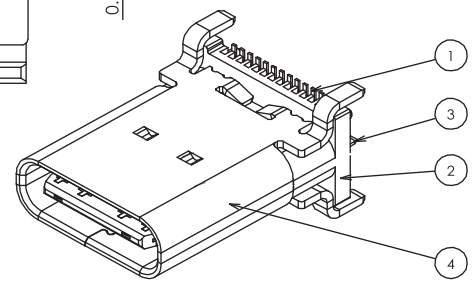
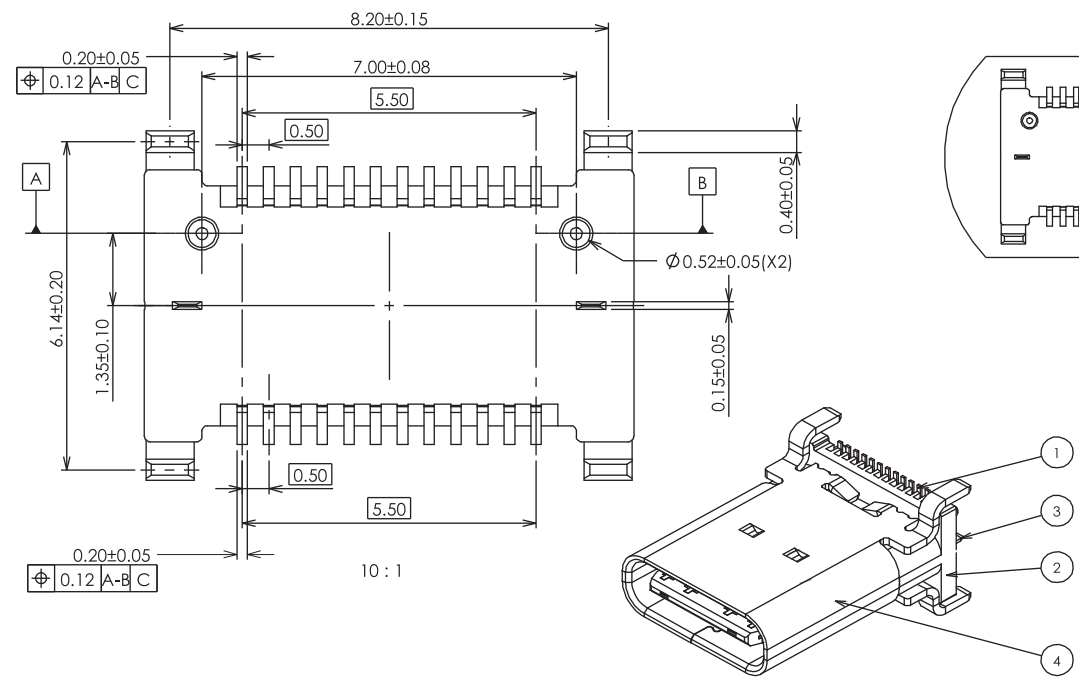
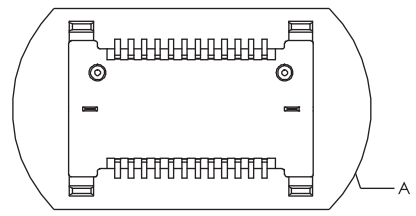
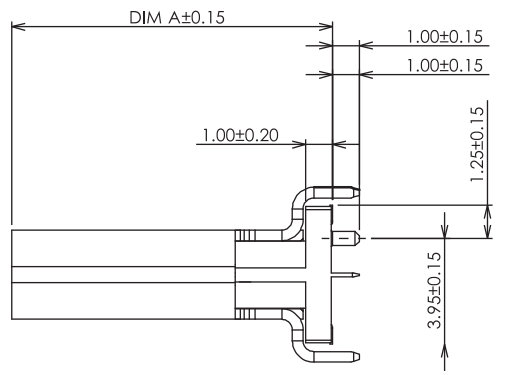
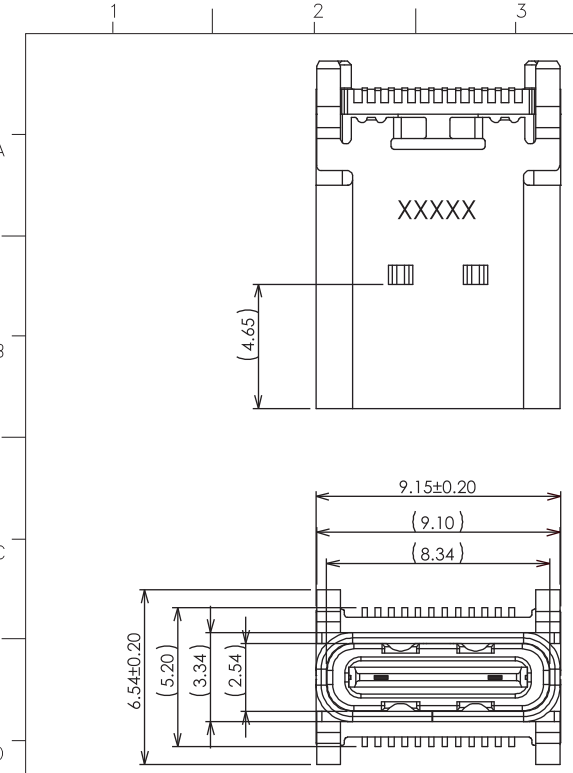
- NOTES:
- 1.0 ELECTRICAL CHARACTERISTICS:
- 1.1 LOW LEVEL CONTACT RESISTANCE:
INITIAL 40m for ALL CONTACT MAXIMUM.
AFTER TEST: 50m MAXIMUM
- 1.2 DIELEC TRIC WITHSTANDING VOLTAGE:
100V AC for 1 MINUTE SEA LEVEL
- 1.3 INSULATION RESISTANCE:
100M MINIMUM.
- 1.4 CURRENT RATING:
VBUS AND GND CONTACTS RATED 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~20N
1~5 INSERTION/EXTRACTION PRECONDITIONING CYCLES
DURABILITY 32TH EXTRACTION FORCE SHALL BE 33% of THE INITIAL
(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:p -55°C to +85°C

PART NO.
UBT30CS33- 24 F K xx x x
1 2 3 4 5 6

1. Contact Positions:
24: 24 pins
2. Contact Type:
F: Female Receptacle
3. Insulator Color
K: Black
4. Contact Plating:
01: Selective G/F
30: Selective 30u" Gold
5. Shell Plating:
N: Solderable Nickel
6. Height
0: DIM A=12.00, DIM B=13.00
1: DIM A=13.20, DIM B=14.20

5	CAP	1	HIGH TEMPERATURE PLASTIC
4	SHELL	1	STAINLESS STEEL / NI PLATING
3	GND PLATE	1	STAINLESS STEEL / NI PLATING
2	HALF PRODUCT	1	HIGH TEMPERATURE PLASTIC
1	CONTACT	24	COPPER ALLOY / AU PLATING
ITEM	NAME	QTY	MATERIAL / FINISH

PIN NO.	A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12
SIGNAL NAME	GND	TX1+	TX1-	VBUS	CC1	D+	D-	SBU1	VBUS	RX2-	RX2+	GND
PIN NO	B12	B11	B10	B9	B8	B7	B6	B5	B4	B3	B2	B1
SIGNAL NAME	GND	RX1+	RX1-	VBUS	SBU2	D-	D+	CC2	VBUS	TX2-	TX2+	GND



TOLERANCES UNLESS OTHERWISE SPECIFIED
GENERAL X ±0.25
XX ±0.13
XXX ±0.05
X.X ±0.04
X.XX ±0.04
X.XX ±0.04
X.XX ±0.04

ANGLES
X° ±0.04
X.X° ±0.04
X.XX° ±0.04

GS PANSTRONG COMPANY LTD.

TITLE: USB 3.1 TYPE C FEMALE VERTICAL SMT TYPE

PART NO: UBT30CS33-24FKxx x x

SCALE: 5:1 **REV:** **A**

DRAWN BY: TOMMY

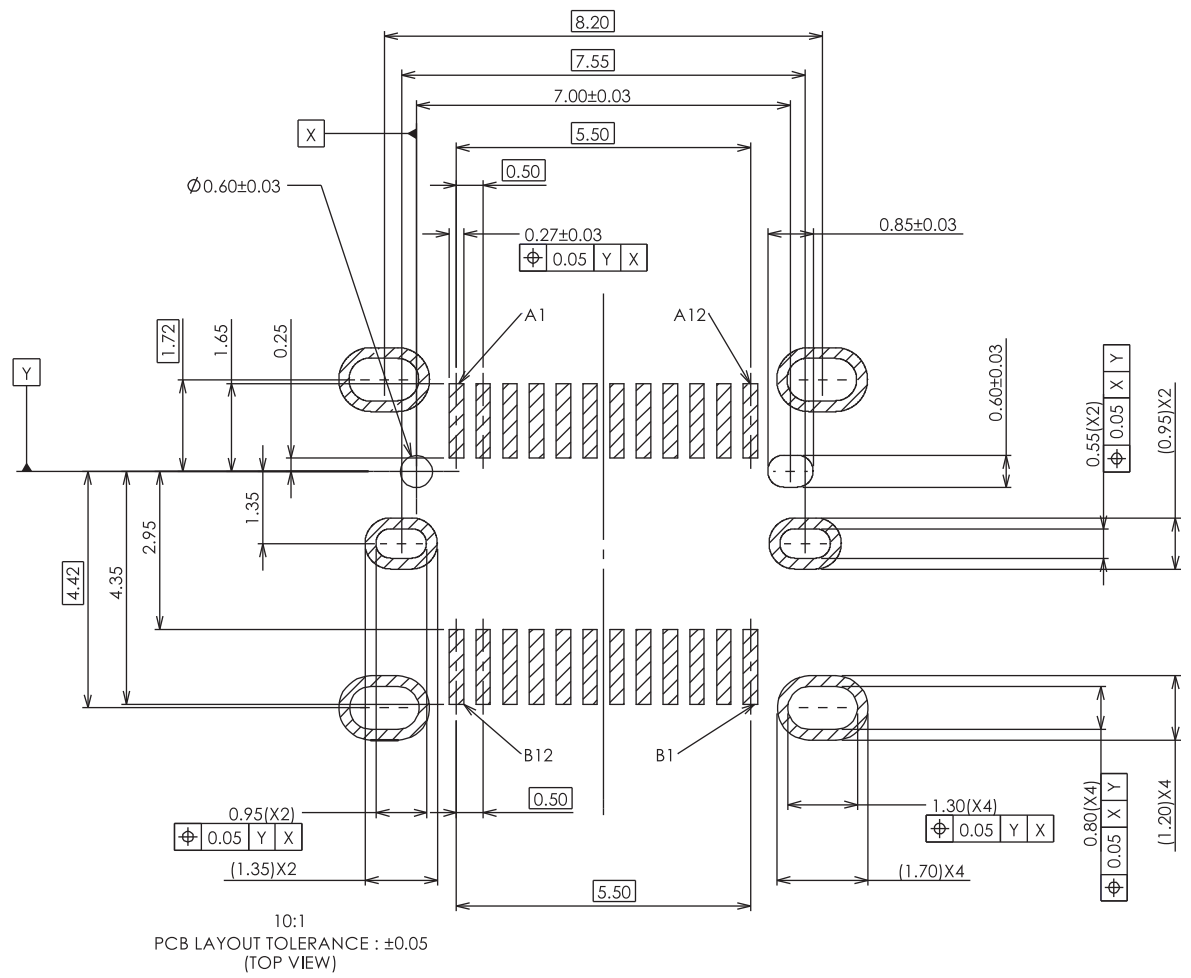
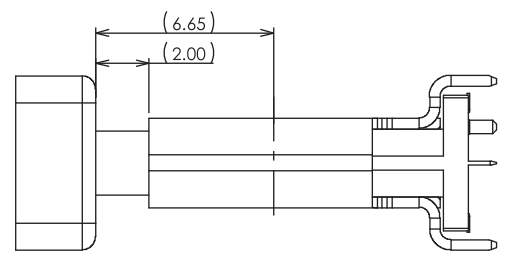
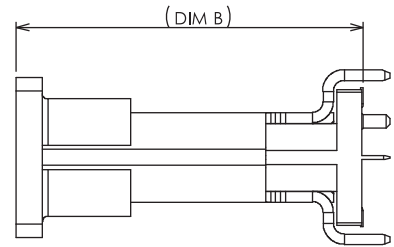
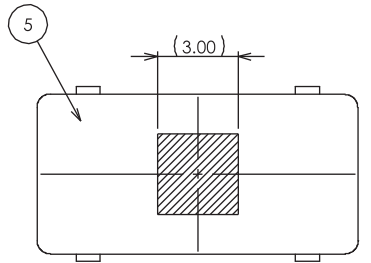
CHECKED:

APPROVED:

DRAWING NO.:

UNIT: mm

REV	DESCRIPTION	DATE
A	Initial Release	17.07.07



RoHS Compliant

PANSTRONG COMPANY LTD.				DRAWN BY		TOMMY	
				CHECKED			
TITLE:		USB 3.1 TYPE C FEMALE VERTICAL SMT TYPE				APPROVED	
PART NO:		UBT30CS33-24FKxx x x				DRAWING NO.	
SCALE		5:1	REV	A	UNIT	mm	

TOLERANCES UNLESS OTHERWISE SPECIFIED
GENERAL X ±0.08
X ±0.25
XX ±0.10
XXX ±0.05
XX* ±0.04
XX* ±0.04
XX* ±0.04
ANGLES
X* ±1.0°