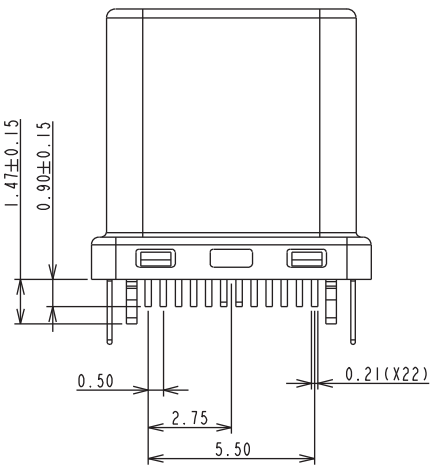
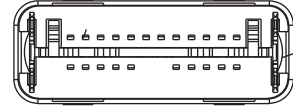
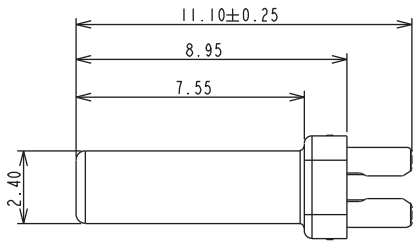
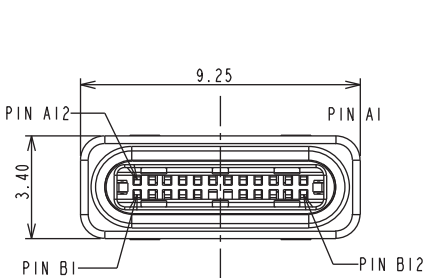
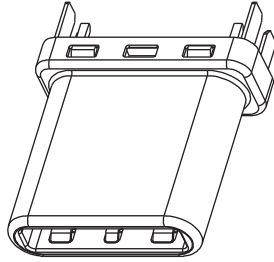
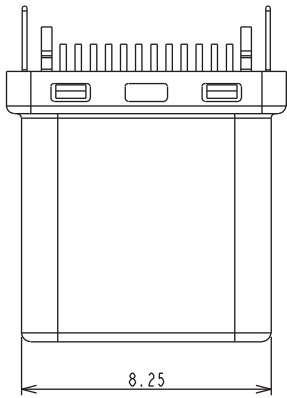


REV	DESCRIPTION	DATE
A	Initial Release	18.06.20



7	NYLAR	2	KAPTON
6	CONTACT	22	COPPER ALLOY/SEE PRODUCT NUMBER
5	GROUND PLATED	1	STAINLESS STEEL / Ni PLATED
4	EMI SPRING	2	STAINLESS STEEL
3	SHELL	1	STAINLESS STEEL / SEE PRODUCT NUMBER
2	HALF PRODUCT	2	THERMOPLASTIC/UL 94V-0 RATED
1	HOUSING	1	THERMOPLASTIC/UL 94V-0 RATED
ITEM	NAME	Q'TY	MATERIAL / FINISH

- NOTES:
- 1.0. ELECTRICAL CHARACTERISTIC:
 - 1.1. LOW LEVEL CONTACT RESISTANCE: INITIAL: 40 mΩ FOR ALL CONTACT MAXIMUM. AFTER TEST: 50mΩ MAXIMUM
 - 1.2. DIELECTRIC WITHSTANDING VOLTAGE: 100 VAC FOR ONE MINUTE SEA LEVEL.
 - 1.3. INSULATION RESISTANCE: 100 MΩ MINIMUM.
 - 1.4. CURRENT RATING: VBUS AND GND CONTACTS RATED AT 1.25A EA. PARALLELED FOR A TOTAL OF 5A.
 - 2.0. MECHANICAL CHARACTERISTIC:
 - 2.1. DURABILITY: 10,000 CYCLES.
 - 2.2. INSERTION FORCE: 5N-20N .
 - 2.3. EXTRACTION FORCE: AFTER DURABILITY 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
 - 3.0. OPERATING TEMPERATURE: -55°C TO +85°C.
 - 4.0 KIT DOES NOT INCLUDE RECOMMENDED OVERMOLD OR PCB
 - 5.0 THIS PLUG IS DESIGNED TO COMPLY WITH USB TYPE C SPECIFICATION

PART NO.
UBT30C11B- 22 M KH x x x x
1 2 3 4 5 6 7

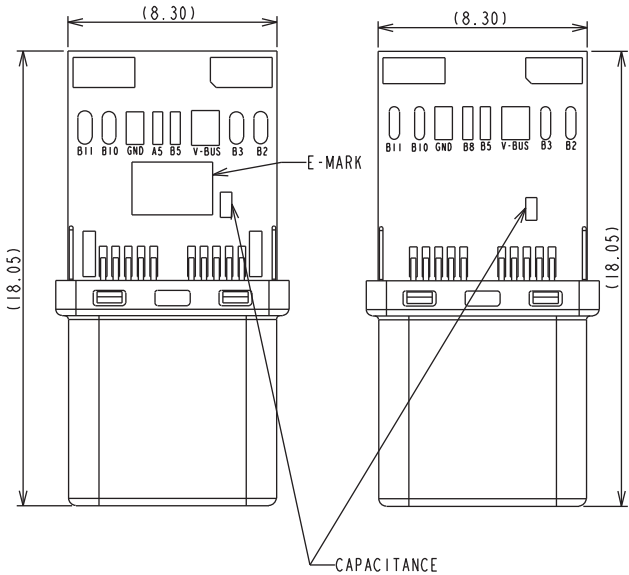
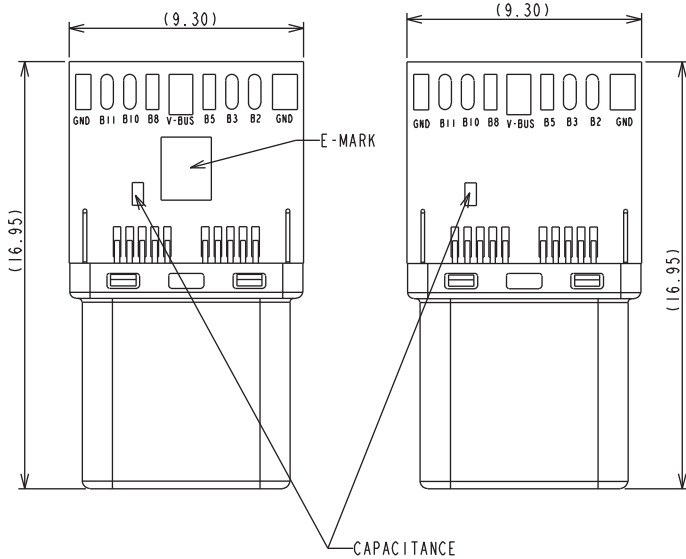
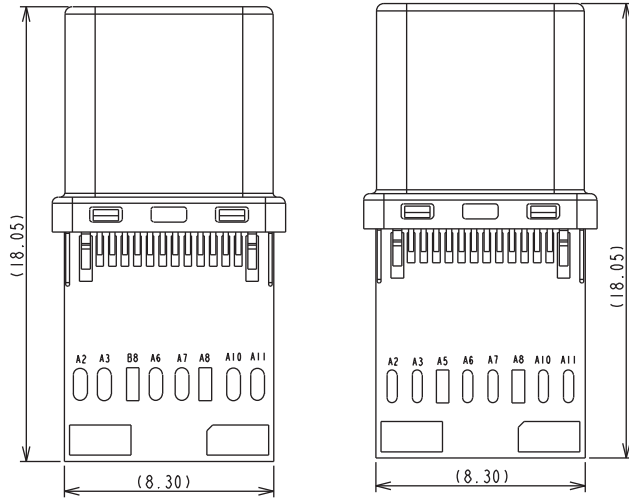
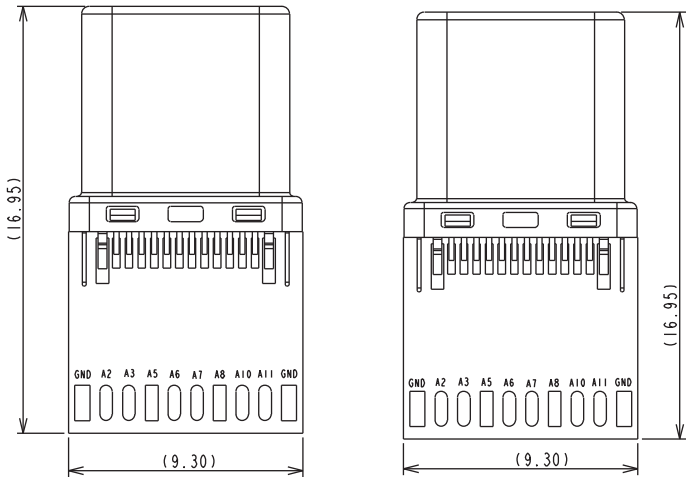
1. Contact Positions: 22: 22 pins
2. Contact Type: M: Male Plug
3. Insulator KH: Black PA-46
4. Contact Plating: 01: Selective G/F 30: Selective 30u" Gold
5. Shell Plating: N: Solderable Nickel
6. Packing : R: Tape & Reel
7. PCB: B1: C to C With Richteck E-Mark for Twisted Cable, Tray B2: C to C With no E-Mark for Twisted Cable, Tray B3: C to C With Richteck E-Mark for Coaxial Cable, Tray B4: C to C With no E-Mark for Coaxial Cable, Tray

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

TOLERANCES UNLESS OTHERWISE SPECIFIED	
GENERAL	X, .X, .XX, .XXX
ANGLES	X°, X'°, XX"

		DRAWN BY		TOMMY	
		CHECKED			
TITLE:		USB TYPE-C 3.1 CONN. PLUG-DRAW SHELL TYPE		APPROVED	
PART NO:		UBT30C11B-22MKHxxxx		DRAWING NO.	
SCALE		6:1	REV	A	UNIT mm

REV A	DESCRIPTION Initial Release	DATE 18.06.20
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PANSTRONG COMPANY LTD.

DRAWN BY TOMMY

CHECKED

APPROVED

DRAWING NO.

TITLE: USB TYPE-C 3.1 CONN. PLUG-DRAW SHELL TYPE

PART NO: UBT30C11B-22MKHxxxx

SCALE 6:1 REV A

UNIT mm

TOLERANCES UNLESS OTHERWISE SPECIFIED	
GENERAL X	±0.38
X	±0.25
XX	±0.13
XXX	±0.05
ANGLES	
X°	±3.0°
XX°	±2.0°
XXX°	±1.0°

