

REV	DESCRIPTION	DATE
A	Initial Release	16'08.08

NOTES:

- 1.0 ELECTRICAL CHARACTERISTICS:
1.1 LOW LEVEL CONTACT RESISTANCE:
INITIAL: 40mOhm FOR ALL CONTACT MAX.
AFTER: 50mOhm MAX.
1.2 DIELECTRIC WITHSTANDING VOLTAGE:
100 VAC OR 1 MINUTE SEE LEVEL
1.3 INSULATION RESISTANCE:
100MOhm MIN.
1.4 CURRENT RATING:
VBUS AND GND CONTACTS RATED AT 1.5A.
PARALLELED OR A TOTAL OF 3A
- 2.0 MECHANICAL CHARACTERISTICS:
2.1 INSERTION FORCE: 5N MIN. 20N MAX.
2.2 EXTRACTION FORCE:
DURABILITY 1~1,000 CYCLES 8N MIN. 20N MAX.
DURABILITY 1,001~10,000 CYCLES 6N MIN. 20N MAX.
2.3 DURABILITY: 10,000 CYCLES
- 3.0 OPERATING TEMPERATURE: -40℃ TO +85℃

PART NUMBER CODE
UB20CR03-PSP4-16 F K xx x x
1 2 3 4 5 6

1. Contact Positions:
16: 16 pins
2. Contact Type:
F: Female Receptacle
3. Insulator Color
K: Black
4. Contact Plating:
01: Selective G/F
30: 30u" Selective Gold
3G: 30u" Gold Front Contact, G/F Solder Tails
5. Shell Plating:
N: Solderable Nickel
6. Packing :
R: Tape & Reel

4	PLASTIC SHELL	1	HIGH-TEMPERATURE PLASTIC ,UL94-V0
3	GROUND PLATED	2	STAINLESS STEEL/NI PLATED
2	CONTACT	16	COPPER ALLOY/SEE TABLE A
1	HOUSING	1	HIGH-TEMPERATURE PLASTIC,UL94-V0
ITEM	NAME	Q'TY	MATERIAL / FINISH



PANSTRONG COMPANY LTD.

DRAWN BY

TOMMY

CHECKED

APPROVED

DRAWING NO.

TITLE:

USB 2.0 Type-C 16 Pin
Receptacle Mid Mount CH=1.07
IPX4, Plastic Shell, SMT Type

PART NO:

UB20CR03-PSP4-16FKxxxx

SCALE

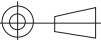
6:1

REV

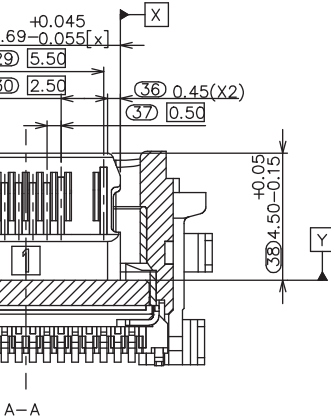
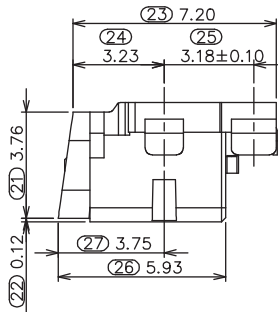
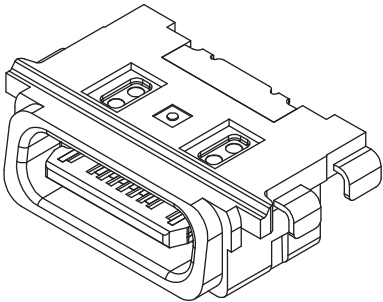
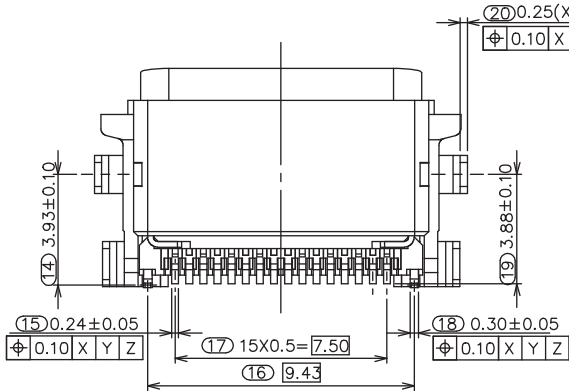
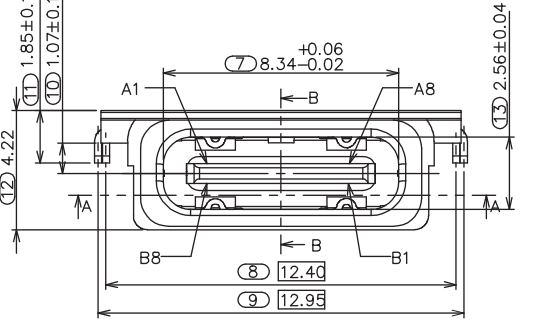
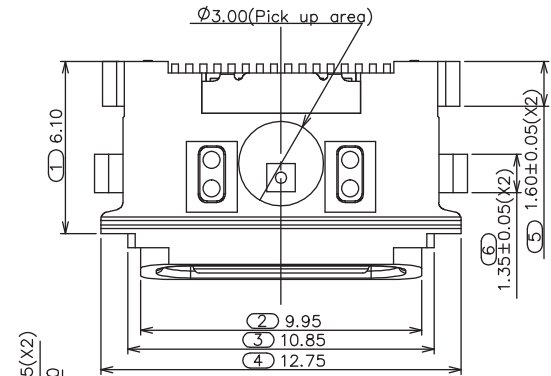
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UNIT

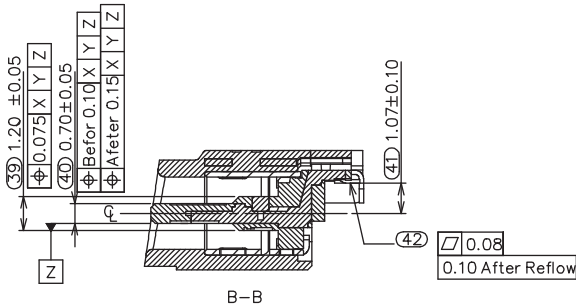
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TOLERANCES UNLESS
OTHERWISE SPECIFIED
GENERAL X .03
.X .025
.XX .015
XXX .010
ANGLES X .1
X .125
XX .150



A-A



B-B

