



RECOMMENDED P.C.B LAYOUT  
TOLERANCES: ±0.05mm

### SPECIFICATIONS

- Current Rating: 1.8 Amp to Vbus and its GND pin  
0.25 Amp to all other contacts.
- Contact Resistance: 30 m ohms for Vbus and it's GND pin  
50 m ohms for all other contacts.
- Insulation Resistance: 100 Mohms min @250VDC
- Dielectric Withstanding: 100 VAC
- Operating Temperature: -20°C~+85°C
- Mating Cycles: 5000 Insertions
- Insulator Material: Thermoplastic (Blue), UL94HB
- Contact Material: Copper Alloy
- Shell Material: Copper Alloy
- Underplate: 50u~100u Nickel
- Contact Area Plating: 30u Pd-Ni+2u Gold
- Solder Tail Plating: 100u~200u Matte Tin

BPA 09 F XX T S4 9 1 C 3 FG  
1 2 3 4 5 6 7 8 9 10 11

1. SERIES NO.  
BPA=Dual USB 3.0 Reverse Type
2. Contact Number:  
09=09 Pin
3. Contact Type:  
F=Female
4. Contact Plating:  
VD=30u Gold Plating  
VZ=30u Pd-Ni+2u Gold
5. Solder Tails Area Plating  
Selective Plating  
T=100u~200u Tin
6. Apply Type:  
S4= Reverse Type
7. Shell Plating:  
9= Tin Plating(Matte)
8. Center Height Options:  
1=0.14mm Offset
9. Packing Options  
C=Tape & Reel
10. Insulator Color:  
3=Blue(Pantone 300C)
11. Environmental:  
FG=RoHS(Matte)(Halogen Free)

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GENERAL TOLERANCE UNLESS OTHERWISE SPECIFIED	
XXX. ± X	.XX ± 0.20
XX. ± X	.XXX ± X
X. ± 0.50	X. ± 5°
.X ± 0.30	.X ± X°



A	DRAWN	09/09/11	BPA Series
09/09/11	CHECKED		USB 3.0 Type A-Reverse Type
As shown	APPROVED		PRODUCT NO. BPA09FXXTS691C3-FG
mm		SIZE A4	FILE NAME: BPA09FXXTS691C3-FG.dwg