

Recommended PCB Layout

— CONNECTOR FRONT EDGE

Material:


- Housing: PBT+30% G.F. UL 94V-0
- Contact 5P: Brass
- Contact 4P: Phosphor Bronze
- Shell: Brass
- Contact plating: Gold flash and tin over nickel plated
- Shell plating: Nickel plated over all

Electrical:

- Current rating: 1.8A for VBUS and GND contacts
1.5A for other contacts
- Withstanding voltage: 100V AC(RMS)
- Insulation Resistance: 100MΩ min. at 100V DC
- Contact Resistance: 30MΩ Max. for VBUS and GND contacts
50MΩ Max. for other contacts
- Mating force: 3.57KgF Max.
- Unmating force: 1.02KgF Min.

Unit: MM±0.25MM



Scale	1:1	Added pin numbering	1.19.12	KAM			Name	
TOLERANCE						Drawn	10.19.11	Chappel
X.X	±0.40							
X.XX	±0.25							
X.XXX	±0.15							
Angle	±3°							
								
		Modification	Date	Name	WSW components			

ASSMANN
VVS components

Item No.		AU-Y1005-3-R	
Title		USB Connector 3.0 - A Female Type, DIP 90°15J, for PCB Mount	
Drawing No.		rev00	
Replace		Sheet	