

# Wire to Board Connectors

## Connector System for Universal Serial Bus (USB)

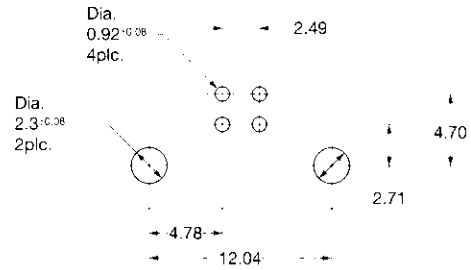
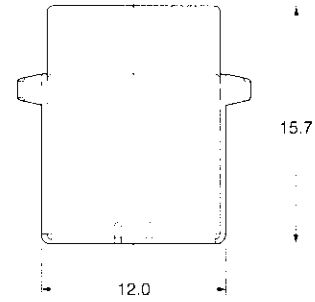
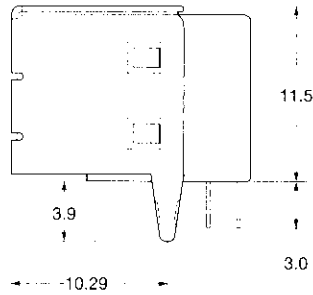
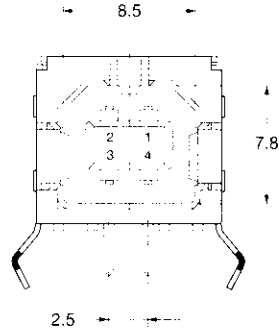
### Receptacle Assemblies/Series B, 4-Position, Right-Angle

#### Thru-Hole

**Part Number :** 787780-1 (black)  
787780-2 (natural)

Housing—Thermoplastic, UL 94V-0 rated  
Shell—Copper Alloy, plated bright tin  
Contacts—Copper Alloy, plated 0.076µm min. gold over 0.76µm min. palladium-nickel on the mating end, 3.8µm min. tin lead on solder tails all over 1.27µm min. nickel underplating or 0.076µm min. gold on the mating end, 3.8µm min. tin lead on solder tails all over 1.27µm min. nickel underplating.

**Recommended pc board thickness :** 1.57



**PC Board Layout**

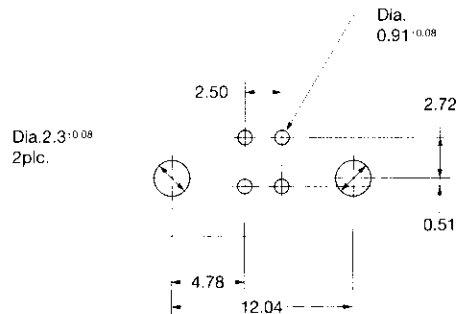
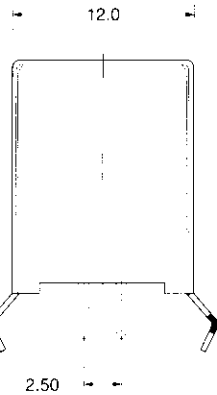
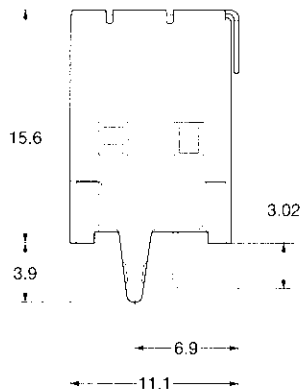
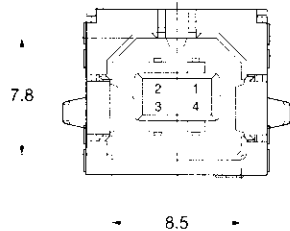
#### Thru-Hole

**Part Number :** 787834-1 (black)  
787834-2 (natural)

#### Material and Finish :

Housing—Thermoplastic, UL 94V-0 rated  
Shell—Copper Alloy, plated bright tin  
Contacts—Copper Alloy, plated 0.076µm min. gold over 0.76µm min. palladium-nickel on the mating end, 3.8µm min. tin lead on solder tails all over 1.27µm min. nickel underplating or 0.076µm min. gold on the mating end, 3.8µm min. tin lead on solder tails all over 1.27µm min. nickel underplating.

**Recommended pc board thickness :** 1.57



**PC Board Layout**

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