MECHANICAL
RoHS

**Single Port RJ45 & Dual Port USB Combo  AR1USB2-3785I**

**SCHEMATICS**

1. Shield- 0.20mm THICKNESS BRASS C2680 H. PLATING NICKEL 20u" Min 0.2mm SUS304
   Standard Material Nylon66, Glass filled, Polyester UL94V-0 Standard Color Black
   Pin: 0.35mm Thickness Phos-Bronze C5210 EH.
   Plating: Nickel 30u"~50u", for all and Sn100%, and 6u" Gold Plating.

2. Housing- 0.20mm THICKNESS Brass C2680 H. Plating Nickel 20u" Min 0.2mm SUS304
   Pin: 0.35mm Thickness SUS430.
   Plating: Nickel 30u"~50u" for all and Sn 100%.

3. Insert Pin- 0.20mm THICKNESS BRASS C2680 H. PLATING NICKEL 20u" Min 0.2mm SUS304
   Pin: 0.35mm Thickness Phos-Bronze C5210 EH.
   Plating: Nickel 30u"~50u", for all and Sn100%, and 6u" Gold Plating.

4. Contact Pin- 0.20mm THICKNESS Brass C2680 H. Plating Nickel 20u" Min 0.2mm SUS304
   Pin: 0.35mm Thickness SUS430.
   Plating: Nickel 30u"~50u" for all and Sn 100%.

5. USB Housing- 0.20mm THICKNESS Brass C2680 H. Plating Nickel 20u" Min 0.2mm SUS304
   LCP, Glass fiber filled, UL94V-0, Standard Color Black.

6. USB Contact- 0.20mm THICKNESS Brass C2680 H. Plating Nickel 20u" Min 0.2mm SUS304
   0.35mm Thickness Brass C2680H
   Plating: Nickel 30u"~50u" for all and Sn 100%, and Gold plating 6u".

With a forward current of 20mA

**NOTES**