

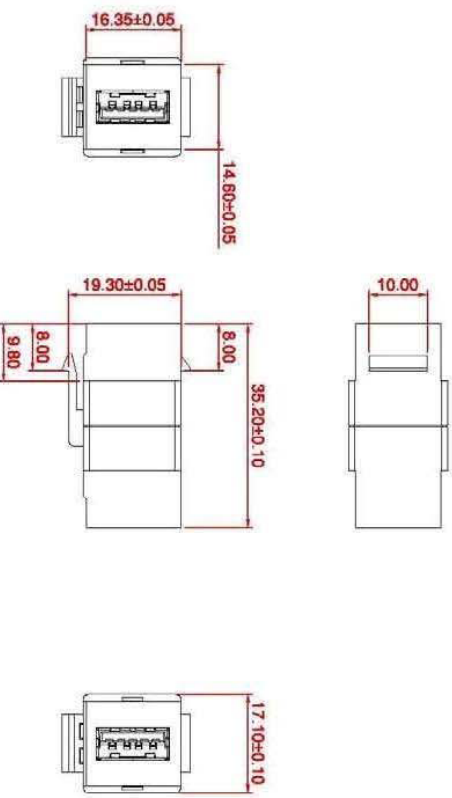
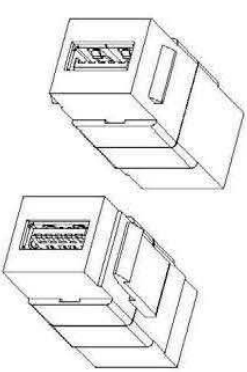
## USB 3.0 Snap-in Coupler (Keystone Jack)



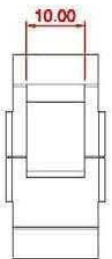
This USB Keystone Jack is designed for superior and convenient performance that meets or exceeds industry standard requirements. The USB Keystone Jack allows you to work in conjunction with the Keystone Wall Plates and Surface Boxes or any standard Keystone Wall Plates or Patch Panels.

### Specifications:

- Snaps into any Keystone Mount Wall Plates
- Works well with any USB interfaced products
- Easy installation
- Coupler Dimension: 35.2 x 16.35 x 14.6 mm
- Enhanced PC Designed technology that provides reliable performance
- Enables you to use with any unloaded Keystone Wall Plate or Patch Panel
- USB coupler is designed for superior and convenient performance that meets or exceeds industry standard requirements
- USB coupler allows to work in conjunction with the key stone wall plates and surface boxes or any standard keystone wall plates or patch panels
- Snaps into any keystone mount wall plates



**MATERIAL**  
 Housing: ABS high-impact UL94V-0 thermoplastic  
 PCB: FR-4, thickness  
 USB Connector  
 Shell: Copper Alloy, Tin-Lead Plated Over Copper  
 Plastic: 75T high-impact UL94V-0 thermoplastic; Glass Filled 130°C  
 Contact: Copper Alloy  
 RoHS compliant



**PHYSICAL CHARACTERISTICS**  
 Durability: IEC 60068-2-27, 1300 Cycles  
 Temperature: -55°C ~ +85°C  
 Humidity: 10% ~ 90% RH

**ELECTRICAL**  
 Voltage: 30V AC  
 Current: 1.5Amps Min. Per Contact at 30°C T-RISE  
 Insulation Resistance: 1000 MΩ Minimum  
 Dielectric Withstanding Voltage: 750V AC  
 Contact Resistance: 30 mΩ Max. Initial

ITEM NO.	DESCRIPTION	REMARK

除特別註明外 UNLESS OTHERWISE SPECIFIED		日期 DATE	名稱 DRAWING	圖號 BEN	名稱 TITLE	圖號 DRAWING NO.	版本 A
單位 UNIT: cm	比例 SCALE: FREE	20100922	製圖 DRAWING	EMERSON	名稱 USB 3.0 A TO A TYPE IN-LINE COUPLER	圖號 DRAWING NO.	1 頁 之 1
長度 LENGTH	公差 TOLERANCES		設計 DESIGN	EMERSON	機種 MODEL NO.		
0.5-6	±0.05		核對 CHECK	EMERSON	料號 ITEM NO.		
120-315	±0.20		核對 CHECK	EMERSON	料號 ITEM NO.		
315-1000	±0.30		核對 CHECK	EMERSON	料號 ITEM NO.		
角度 ANGLES	0°-30°		核對 CHECK	EMERSON	料號 ITEM NO.		
孔徑 HOLE DIAMETER	±0.10		核對 CHECK	EMERSON	料號 ITEM NO.		
0.5-30	±0.10		核對 CHECK	EMERSON	料號 ITEM NO.		
30-100	±0.20		核對 CHECK	EMERSON	料號 ITEM NO.		

## 5.5.2 USB 3.0 Standard-A to USB 3.0 Standard-A Cable Assembly

The USB 3.0 Standard-A to USB 3.0 Standard-A cable assembly is defined for operating system debugging and other host-to-host connection applications. Table 5-10 shows wire connections for such a cable assembly. Refer to Figure 5-16 for the USB 3.0 Standard-A plug cable overmold dimensions.

**Table 5-10. USB 3.0 Standard-A to USB 3.0 Standard-A Cable Assembly Wiring**

USB 3.0 Standard-A Plug #1		Wire		USB 3.0 Standard-A Plug #2	
Pin Number	Signal Name	Wire Number	Signal Name	Pin Number	Signal Name
1	VBUS	No connect		1	VBUS
2	D-	No connect		2	D-
3	D+	No connect		3	D+
4	GND	4	GND PWRrt	4	GND
5	StdA_SSRX-	5	SDP1-	8	StdA_SSTX-
6	StdA_SSRX+	6	SDP1+	9	StdA_SSTX+
7	GND_DRAIN	7 & 10	SDP1_Drain SDP2_Drain	7	GND_DRAIN
8	StdA_SSTX-	8	SDP2-	5	StdA_SSRX-
9	StdA_SSTX+	9	SDP2+	6	StdA_SSRX+
Shell	Shield	Braid	Shield	Shell	Shield

