

SCPU-17-G-03.00-AMS-BMS SCRUS-17-G-00.25-AMS-BC

**SCPU, SCRUS SERIES**

# IP68 USB & MINI USB SOCKETS & PLUGS

Mates with:  
SCRUS

**SPECIFICATIONS**

For complete specifications see [www.samtec.com?SCPU](http://www.samtec.com?SCPU)

**Insulator Material:** Glass Filled Thermoplastic  
**Contact Material:** Copper Alloy  
**Shield Material:** CRS  
**Wire:** Wire gauge varies based on length to meet USB 2.0 specifications. Call Samtec for more information.  
**Sealed Overmold:** PA66 GF13 FR  
**Operating Temp Range:** -20°C to +75°C  
**RoHS Compliant:** Yes



**ALSO AVAILABLE**

Other wire lengths.  
 Dust Cap: DCA-17-02  
 Contact Samtec.

| APPLICATION  | SERIES |
|--------------|--------|
| ETHERNET     | SCPE   |
| POWER        | SCP1   |
| HIGH DENSITY | SCP2   |
| TIGER EYE™   | SCP3   |

**Note:** Some lengths, styles and options are non-standard, non-returnable.

| SCPU                       | SHELL SIZE             | PLATING   | WIRE LENGTH   | END 1 OPTION   | END 2 OPTION  |
|----------------------------|------------------------|---|---|--|---|
| -17<br>(Standard USB only) | -10<br>(Mini USB only) | -G<br>= 30µ" (0,76µm)<br>Gold on Contact, Nickel on Shell | -02.00<br>= (2m) 79" Cable<br>-03.00<br>= (3m) 118" Cable<br>-05.00<br>= (5m) 197" Cable<br>(Assembled Length = Wire Length + (19,5) .77) | -AMS<br>= USB A Type, Sealed<br>-BMS<br>= USB B Type, Sealed<br>-MBS<br>= Mini USB B Type, Sealed (-10 only) | See chart for available combinations<br>-AMS<br>= USB A Type, Sealed<br>-BMS<br>= USB B Type, Sealed (-17 only)<br>-MBS<br>= Mini USB B Type, Sealed (-10 only)<br>-AM<br>= USB A Type, Not Sealed<br>-BM<br>= USB B Type, Not Sealed (-10 only)<br>-MB<br>= Mini USB B Type, Not Sealed (-10 only) |

**ALSO AVAILABLE**  
 Dust Cap: DCA-17-01  
 Panel Plug: SCPPA-17-01



Mates with:  
SCPU

**SPECIFICATIONS**

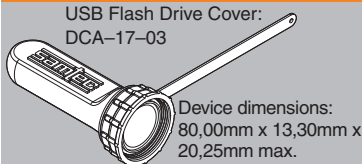
For complete specifications and recommended panel hole layout see [www.samtec.com?SCRUS](http://www.samtec.com?SCRUS)

**Insulator Material:** PBT  
**Contact Material:** Phosphor Bronze  
**O-Ring:** Silicone  
**Operating Temp Range:** -20°C to +75°C  
**RoHS Compliant:** Yes



**ALSO AVAILABLE**

USB Flash Drive Cover:  
DCA-17-03



| TYPE   | SHELL SIZE   | PLATING   | WIRE LENGTH   | END 1 OPTION  | END 2 OPTION   |
|--|--|---|---|---|--|
| SCRUS<br>= Sealed Circular USB Receptacle Cable Assembly | -17<br>(Standard USB only)<br>-10<br>(Mini USB only) | -G<br>= 30µ" (0,76µm)<br>Gold on Contact, Nickel on Shell | -00.25<br>= (0,25m) 9.84" Cable<br>-00.50<br>= (0,50m) 19.68" Cable<br>(Assembled Length = Wire Length + (37,9) 1.50) | -AMS<br>= USB A Type, Sealed<br>-BMS<br>= USB B Type, Sealed<br>-MBS<br>= Mini USB B Type, Sealed | See chart for available combinations<br>-AM<br>= USB A Type, Not Sealed<br>-BM<br>= USB B Type, Not Sealed<br>-MB<br>= Mini USB B Type, Not Sealed<br>-BC<br>= Blunt Cut |

**APPLICATION SPECIFIC**  
 Termination for standard USB cable from panel to board

Due to technical progress, all designs, specifications and components are subject to change without notice.