

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:**

20 AWG (Power),  
25 AWG (Signal),  
28 AWG (Drain)

**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) | -G<br>= 30µ" (0,76µm)<br>Gold on Contact,<br>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) | -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 (-17 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

Wire: 24 AWG (Power),  
28 AWG (Signal),  
28 AWG (Drain)

**O-Ring:** Silicone

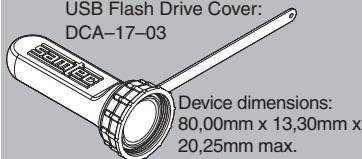
**Operating Temp Range:**

-20°C to +75°C

**RoHS Compliant:** Yes

**ALSO AVAILABLE**

USB Flash Drive Cover:  
DCA-17-03



Device dimensions:  
80,00mm x 13,30mm x  
20,25mm max.

| TYPE  | SHELL SIZE                 | PLATING  | WIRE LENGTH   | END 1 OPTION  | END 2 OPTION   |
|-------|----------------------------|--|---|---|--|
| SCRUS | -17<br>(Standard USB only) | -G<br>= 30µ" (0,76µm)<br>Gold on Contact,<br>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 | -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**

SCRUS Series: termination for standard USB cable from panel to board

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