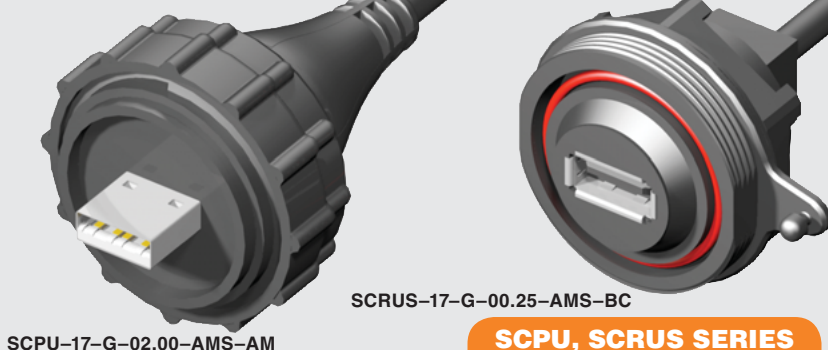




SCPU-17-G-02.00-AMS-AM

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

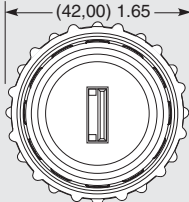
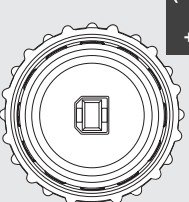
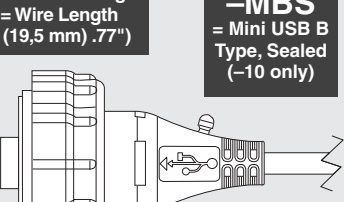
## RECOGNITIONS

For complete scope of recognitions see [www.samtec.com/quality](http://www.samtec.com/quality)



**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" (0,76 μm)<br>Gold on Contact,<br>Nickel on Shell | -01.00<br>= (1 m) 40" Cable<br>-02.00<br>= (2 m) 79" Cable<br>Standard lengths<br>(Assembled Length = Wire Length + (19,5 mm) .77") | -AMS<br>= USB A Type, Sealed<br>-BMS<br>= USB B Type, Sealed<br>-MBS<br>= Mini USB B Type, Sealed (-10 only) | MBS<br>= Mini USB B Type, Sealed (-10 only)<br>-AM<br>= USB A Type, Not Sealed |

**ALSO AVAILABLE (MOQ Required)**

- Other wire lengths
- Other end options

Contact Samtec.

**DUST CAPS & PANEL PLUG**

- Dust Caps: DCA-17-01 or DCA-10-01
- Panel Plug: SCPPA-17-01

Contact Samtec.

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:**

20 AWG (Power),

25 AWG (Signal),

28 AWG (Drain)

**O-Ring:**

Silicone

**Operating Temp Range:**

-20°C to +75°C

**RoHS Compliant:**

Yes

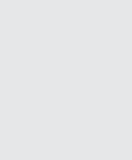
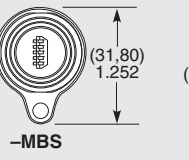
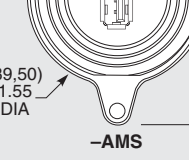
## RECOGNITIONS

For complete scope of recognitions see [www.samtec.com/quality](http://www.samtec.com/quality)



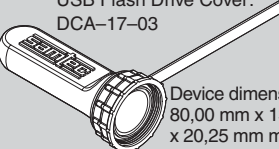
**Note:** Some lengths, styles and options are non-standard, non-returnable.

| 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" (0,76 μm)<br>Gold on Contact,<br>Nickel on Shell | -00.25<br>= (0,25 m) 9.84" Cable<br>-00.50<br>= (0,50 m) 19.68" Cable<br>Standard lengths<br>(Assembled Length = Wire Length + (37,9 mm) 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 |

**DUST CAP**

USB Flash Drive Cover:  
DCA-17-03



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

**OTHER SOLUTIONS**

- Termination for standard USB cable from panel-to-board

See SCRUS Series.