

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

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

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

**ALSO AVAILABLE**  
Dust Caps: DCA-17-01, DCA-10-01  
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: 20 AWG (Power), 25 AWG (Signal), 28 AWG (Drain)

**O-Ring:**

Silicone

**Operating Temp Range:**

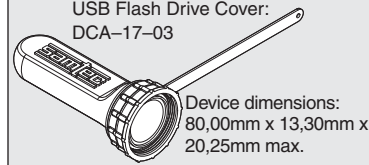
-20°C to +75°C

**RoHS Compliant:**

Yes

**ALSO AVAILABLE**

USB Flash Drive Cover:  
DCA-17-03



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

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

**ALSO AVAILABLE**  
Dust Caps: DCA-17-01, DCA-10-01  
Panel Plug: SCPPA-17-01

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

**WWW.SAMTEC.COM**