



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 (Standard USB only)	-G = 30µ" (0,76µm) Gold on Contact, Nickel on Shell	-02.00 = (2m) 79" Cable -03.00 = (3m) 118" Cable -05.00 = (5m) 197" Cable (Assembled Length = Wire Length + (19,5) .77)	-AMS = USB A Type, Sealed -BMS = USB B Type, Sealed -MBS = Mini USB B Type, Sealed (-10 only)	See chart for available combinations -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 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

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 (Standard USB only)	-G = 30µ" (0,76µm) Gold on Contact, Nickel on Shell	-00.25 = (0,25m) 9.84" Cable -00.50 = (0,50m) 19.68" Cable (Assembled Length = Wire Length + (37,9) 1.50)	-AMS = USB A Type, Sealed -BMS = USB B Type, Sealed -MBS = Mini USB B Type, Sealed	See chart for available combinations -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

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