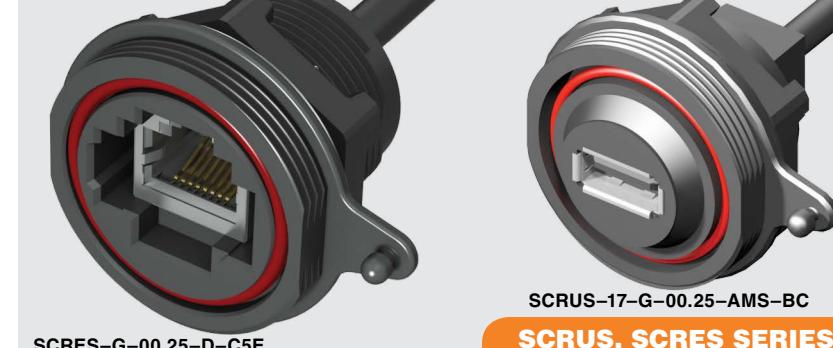


## ACCLIMATE™



SCRES-G-00.25-D-C5E

SCRUS-17-G-00.25-AMS-BC

**SCRUS, SCRES SERIES**

# IP68 SEALED USB & ETHERNET

**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

TYPE	SHELL SIZE	PLATING	WIRE LENGTH	END 1 OPTION	END 2 OPTION
<b>SCRUS</b> = Sealed Circular USB Receptacle Cable Assembly	<b>-17</b> (Standard USB only)	<b>-G</b> = 30 $\mu$ " (0.76 $\mu$ m) Gold on Contact, Nickel on Shell	<b>-00.25</b> = (0.25 m) 9.84" Cable	<b>-AMS</b> = USB A Type, Sealed	<b>-AM</b> = USB A Type, Not Sealed
	<b>-10</b> (Mini USB only)		<b>-00.50</b> = (0.50 m) 19.68" Cable	<b>-BMS</b> = USB B Type, Sealed	<b>-BM</b> = USB B Type, Not Sealed

**DUST CAP**  
USB Flash Drive Cover:  
DCA-17-03

Device dimensions:  
80.00 mm x 13.30 mm  
x 20.25 mm max.

Dimensions for -MBS:  
Height: (31.80) 1.252

Dimensions for -AMS:  
Height: (39.50) 1.55 DIA  
Width: (48.45) 1.907

**OTHER SOLUTIONS**

- Termination for standard USB cable from panel-to-board  
See SCRU Series.

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

**Mates with:**  
SCPE

### SPECIFICATIONS

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

**Insulator Material:**  
PBT

**Contact Material:**  
Phosphor Bronze

**Shield Material:**  
Phosphor Bronze

**Wire:**  
24 AWG

**O-Ring:**  
Silicone

**Overmold:**  
PA66

**Current Rating:**  
3.8 A per pin  
(1 pin powered)

**Operating Temp Range:**  
-40 °C to +70 °C

**RoHS Compliant:**  
Yes

TYPE	PLATING	WIRE LENGTH	END OPTION	C5E
<b>SCRES</b> = Sealed Circular Ethernet Receptacle Cable Assembly	<b>-G</b> = 50 $\mu$ " (1.27 $\mu$ m) Gold on Contact, Nickel on Shell	<b>-00.25</b> = (0.25 m) 9.84" Cable <b>-00.50</b> = (0.50 m) 19.68" Cable Standard lengths	<b>-D</b> = Double Ended <b>-BC</b> = Blunt Cut	<b>-C5E</b> = Cat 5e rating

**DUST CAP & PANEL PLUG**

- Dust Cap: DCA-17-01
- Panel Plug: SCPPA-17-01

**OTHER SOLUTIONS**

- Termination for standard ethernet cable from panel to board

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

# Mouser Electronics

Authorized Distributor

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