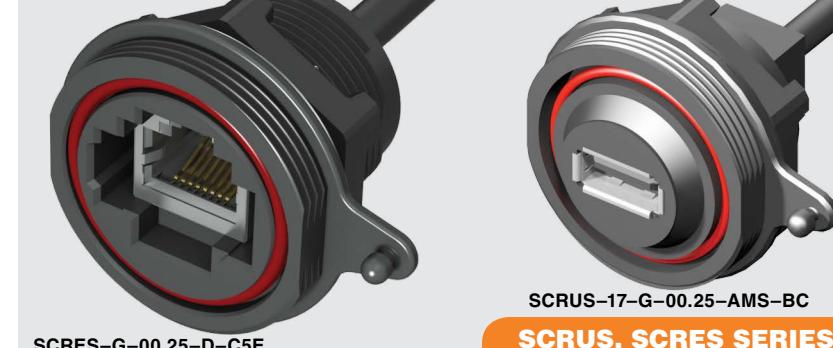# samtec

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

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

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

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** = 30 µ" (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 Standard lengths (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

DUST CAP

USB Flash Drive Cover: DCA–17–03

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

(31.80) 1.252 **–MBS**

(39.50) 1.55 DIA

(48.45) 1.907

–AMS   **–AMS**

OTHER SOLUTIONS

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

See SCRU Series.

Mates with:
SCPE

SPECIFICATIONS

For complete specifications and recommended panel hole layout see 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

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

TYPE	–	PLATING	–	WIRE LENGTH	–	END OPTION	–	C5E
SCRES = Sealed Circular Ethernet Receptacle Cable Assembly		**–G** = 50 µ" (1.27 µm) Gold on Contact, Nickel on Shell		**–00.25** = (0.25 m) 9.84" Cable **–00.50** = (0.50 m) 19.68" Cable Standard lengths		**–D** = Double Ended **–BC** = Blunt Cut		**–C5E** = Cat 5e rating

Assembled Length = Wire Length + (12.70) .50

(48.45) 1.907

END NO. 1

–D SHOWN   **END NO. 2**

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

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

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