



**THE DATASHEET OF  
SCRUS-17-G-00.25-BMS-BM**



## IP68 SEALED USB & ETHERNET



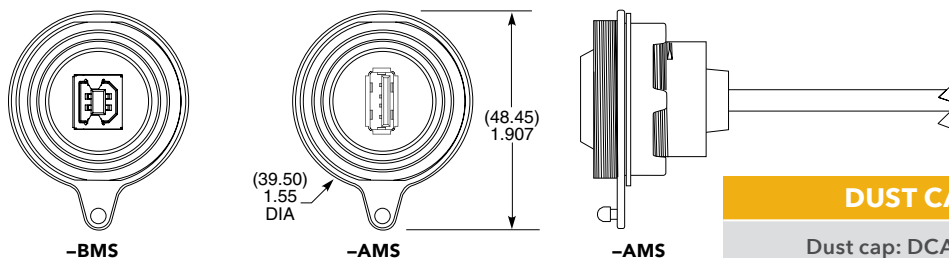
### SCRUS/SCRES SERIES

**SCRUS**  
Mates with:  
SCPU

SCRUS	SHELL SIZE	PLATING	WIRE LENGTH	END 1 OPTION	END 2 OPTION
	-17 (Standard 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	-AM = USB A Type, Not Sealed  -BM = USB B Type, Not Sealed  -MB = Mini USB B Type, Not Sealed  -BC = Blunt Cut

#### SPECIFICATIONS

**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



#### DUST CAP

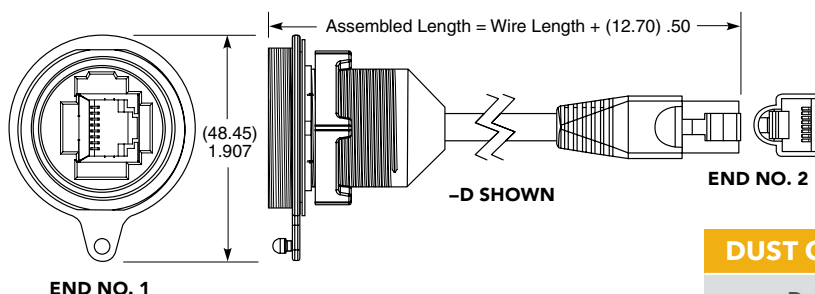
Dust cap: DCA-17-03  
(USB Flash Drive Cover)

**SCRES**  
Mates with:  
SCPE

SCRES	PLATING	WIRE LENGTH	END OPTION	C5E
	-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

#### SPECIFICATIONS

**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



#### DUST CAP & PANEL PLUG

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

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

## Looking for pricing, stock, or lifecycle information?

Click below to explore more details on WIN SOURCE:

- ⊖ [View SCRUS-17-G-00.25-BMS-BM on WIN SOURCE](#)
- ⊖ [Samtec Inc. Information](#)

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