F-221 SUPPLEMENT

samtec

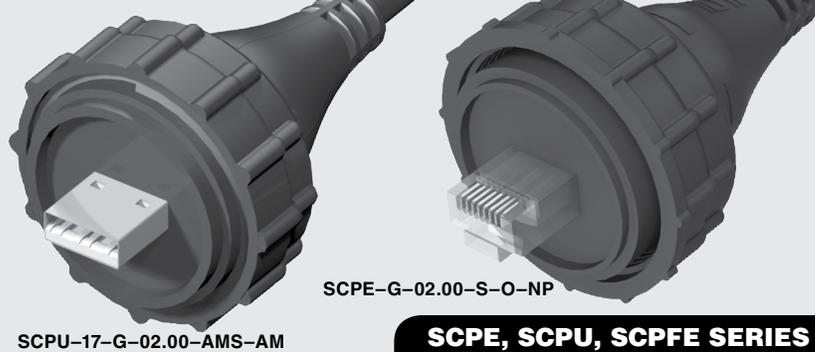ACCLI**MATE**™

SCPU–17–G–02.00–AMS–AM

SCPE–G–02.00–S–O–NP

SCPE, SCPU, SCPFE SERIES

IP68 SEALED USB & ETHERNET PLUGS

Mates with:
SCRES

SPECIFICATIONS

For complete specifications
see www.samtec.com?SCPE

Insulator Material:
Polycarbonate
Contact Material:
Phosphor Bronze
Shield Material:
Phosphor Bronze
Wire:
24 AWG
Overmold:
PA66 GF13 FR
Current Rating:
3.8 A per pin (1 pin powered)
Operating Temp Range:
-40 °C to +70 °C
RoHS Compliant:
Yes

DUST CAP

• DCA-17-02

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

TYPE	PLATING	WIRE LENGTH	END OPTION	O	NP
SCPE = Sealed Circular Ethernet Cable Plug	**–G** = 50 µ" (1.27 µm) Gold on Contact, Nickel on Shell	**–01.00** = (1 m) 39" Cable **–02.00** = (2 m) 79" Cable Standard lengths	**–D** = Double Ended (Both Ends Sealed) **–S** = Single Ended (End No. 1 Sealed)	**–O** = Outdoor Rated	**–NP** = Cat 5e (No polarization mates with SCRES –C5E)

Assembled Length = Wire Length + (3.0) .12

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END NO. 1

–S SHOWN

END NO. 2 (–S)

FIELD TERMINATION KIT

• Ethernet Field Termination Kit available for long cable run and small-opening applications so housings can be customer-installed after the runs are complete.
• SCPFE-17-G-01 Series (For cable outside diameter range of 5.00-5.75 mm)
• SCPFE-17-G-02 Series (For cable outside diameter range of 5.75-6.50 mm)

ALSO AVAILABLE (MOQ Required)

• Other wire lengths

Mates with:
SCRUS

SPECIFICATIONS

For complete specifications
see 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

SCPU	SHELL SIZE	PLATING	WIRE LENGTH	END 1 OPTION	END 2 OPTION
	–17 (Standard USB only) **–10** (Mini USB only)	**–G** = 30 µ" (0.76 µm) Gold on Contact, Nickel on Shell	**–01.00** = (1 m) 40" Cable **–02.00** = (2 m) 79" Cable Standard lengths (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)	**MBS** = Mini USB B Type, Sealed (–10 only) **–AM** = USB A Type, Not Sealed

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–MBS

–AMS

–BMS

–AM

ALSO AVAILABLE (MOQ Required)

• Other wire lengths
• Other end options

DUST CAPS & PANEL PLUG

• Dust Caps: DCA-17-01 or DCA-10-01
• Panel Plug: SCPPA-17-01

Note:
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non-returnable.

WWW.SAMTEC.COM

Unless otherwise approved in writing by Samtec, all parts and components are designed and built according to Samtec's specifications which are subject to change without notice.