



SCP1-17-16-T-3.00-D

SCR1-17-16-T-0.50-D

# IP68 POWER CIRCULAR SCP1, SCR1 SERIES

Mates with:  
SCR1

## SPECIFICATIONS

For complete specifications see [www.samtec.com?SCP1](http://www.samtec.com?SCP1)

Insulator Material:

PBT

Terminal Material:

Brass Alloy

Wire: 22 AWG

Sealed Overmold:

PA66

RoHS Compliant:

Yes



## ALSO AVAILABLE

Other applications:  
Ethernet: See SCPE Series  
USB: See SCPU Series  
High Density: See SCP2 Series  
Tiger Eye™: See SCP3 Series

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

SCP1	SIZE	NO. OF PINS	PLATING	WIRE LENGTH	END OPTION
	-10, -17	-04 = 04 Pins (Size -10 only)	-T = Tin	-2.00 = (2m) 78.74" -3.00 = (3m) 118.11" -5.00 = (5m) 196.85"	-D = Double Ended

**APPLICATION SPECIFIC**  
Single ended and custom wire lengths available. Call Samtec.

Assembled Length = Wire Length + (45,28) 1.783

(9,50) .374 DIA

(28,00) 1.102

(42,00) 1.65

(1,57) .062 DIA

-10

-17



Mates with:  
SCP1, IPBT (8 positions)

## SPECIFICATIONS

For complete specifications and recommended panel hole layout see [www.samtec.com?SCR1](http://www.samtec.com?SCR1)

Insulator Material:

PBT

Panel & Board

Contacts: Phosphor Bronze

Wire: 22 AWG

RoHS Compliant:

Yes



CURRENT RATING	
AMBIENT TEMP	SCP1-17/SCR1-17
20°C	4.4A
40°C	3.9A
60°C	3.3A
75°C	2.7A

16 POSITIONS POWERED

## APPLICATION SPECIFIC

Single ended and custom wire lengths available. Call Samtec.

Note: This Series is non-standard, non-returnable.

SCR1	SIZE	NO. OF PINS	PLATING	WIRE LENGTH	END OPTION
	-10, -17	-04 = 04 Pins (Size -10 only)	-T = Tin	-0.25 = (0.25m) 9.84" -0.50 = (0.50m) 19.69"	-D = Double Ended

**ALSO AVAILABLE**

DUST CAPS		
SIZE	SCPX	SCRX
-10	DCA-10-02	DCA-10-01
-17	DCA-17-02	DCA-17-01

PANEL PLUGS	
SIZE	SCRX
-10	SCPPA-10-01
-17	SCPPA-17-01

Assembled Length = Wire Length + (26,80) 1.055

(39,90) 1.571 DIA

(31,80) 1.252

-10

(48,45) 1.907

-17

See IPBD & PMSD Series

Cable shipped with panel mount hardware but not assembled.

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

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