



(1,27 mm) .050"

RC5-20-01-H-D-03.00-D

RC5 SERIES

# IP68 TIGER EYE™ SEALED CABLE PLUG

## SPECIFICATIONS

For complete specifications see [www.samtec.com?RC5](http://www.samtec.com?RC5)

**Insulator Material:**  
Black Nylon Plastic

**Contact:**

Phosphor Bronze

**Current Rating:**

3.3 A per pin

(1 pin powered per row)

**Operating Temp Range:**

-30°C to +80°C

**Wire:**

28 AWG

**Seal:**

Rubber

**Latch:**

Phosphor Bronze

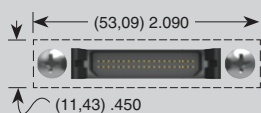
**Mates with:**  
RPB5, RPC5

## THINK OUTSIDE THE CATALOG

- Easy sealed cable solutions
- Build a standard or flexible custom online
- Calculate performance, current rating, voltage drop
- Live chat with AccliMate™ engineers for custom options
- Variety of shells, pin sizes, signal, power, I/O interfaces
- Assembly and field kits available



## APPLICATION



Up to 40 I/Os in 1 sq inch  
(645 square mm) versus  
14 I/Os in 1 sq inch  
(645 square mm)



## DUST CAPS

| POSITIONS | RC5           |
|-----------|---------------|
| -10       | DCA-RC5-10-01 |
| -15       | DCA-RC5-15-01 |
| -20       | DCA-RC5-20-01 |

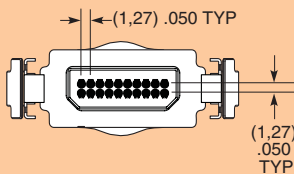
## ALSO AVAILABLE (MOQ Required)

- Other wire lengths
- Contact Samtec.

**Note:** Meets IP68 requirements for dust and waterproof sealing when mated or with dust cap.

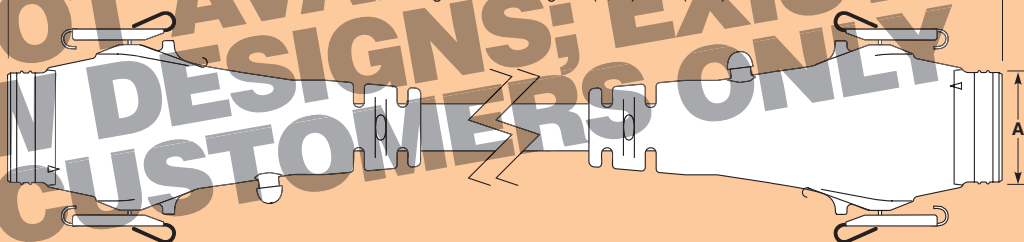
**Note:** Some lengths, styles and options are non-standard, non-returnable.

| RC5 | NO. OF POSITIONS | 01 | PLATING                           | D | WIRE LENGTH               | END OPTION         |
|-----|------------------|----|-----------------------------------|---|---------------------------|--------------------|
|     |                  |    |                                   |   |                           |                    |
|     |                  |    | -G<br>= 10µ"<br>(0,25 µm)<br>Gold |   | -02.00<br>= (2 m) 78.74"  | -D<br>= Double End |
|     |                  |    | -H<br>= 30µ"<br>(0,76 µm)<br>Gold |   | -03.00<br>= (3 m) 118.11" | -BC<br>= Blunt Cut |
|     |                  |    |                                   |   | -05.00<br>= (5 m) 196.85" |                    |



| NO. OF POSITIONS | A                |
|------------------|------------------|
| -10              | (15,88)<br>.625  |
| -15              | (22,23)<br>.875  |
| -20              | (28,58)<br>1.125 |

Assembled Length = Wire Length + (14,12) .556 (-D)  
Assembled Length = Wire Length + (7,06) .278 (-BC)



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

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