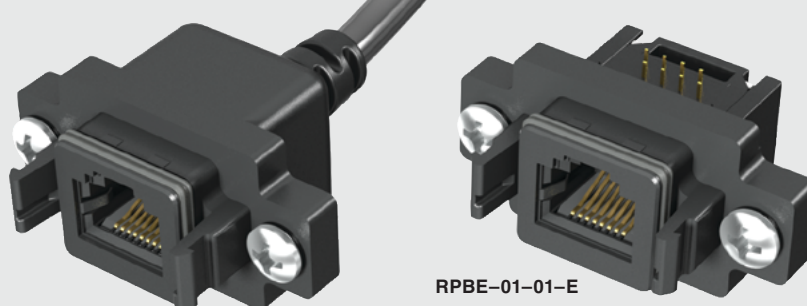




RPCE-01-E-00.25-D-C5E

RPBE-01-01-E

## RPBE, RPCE SERIES

# IP68 SEALED ETHERNET SOCKET

Mates with:  
RCE

## SPECIFICATIONS

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

**Insulator Material:**  
Black Liquid Crystal Polymer

**Contact:**

Phosphor Bronze

**Operating Temp Range:**  
-40 °C to +75 °C

**Seal:**

Rubber

**Screw:**

Stainless Steel

**Nut:**

Stainless Steel

**Sealing Washer:**

Rubber

## DUST CAPS

| PORT | PART NO.         | TYPE                 |
|------|------------------|----------------------|
| -01  | DCA-RPBE-01-01-P | Push-On/<br>No Latch |
| -01  | DCA-RPBE-01-01-L | Latching             |
| -02  | DCA-RPBE-02-01-L |                      |

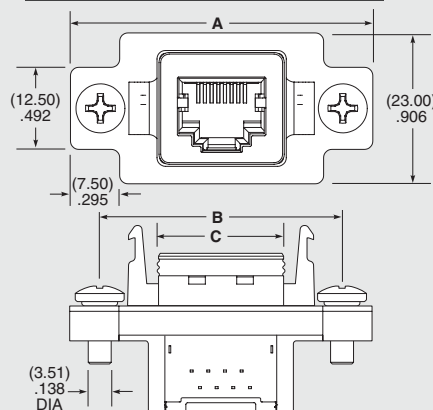
**Note:** Meets IP68 requirements  
for dust and waterproof sealing  
when mated or with dust cap.

RPBE

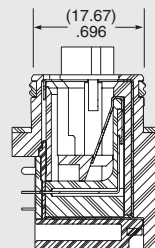
NO. OF  
PORTSLEAD  
STYLE

PLATING

-01, -02

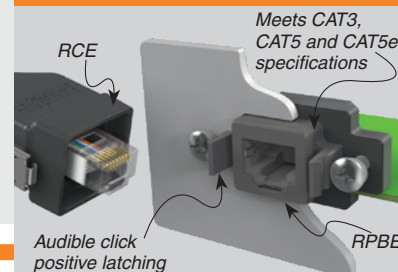
-01  
= Right-angle-E  
= 50 μ" (1.27 μm) Gold on contact,  
Flash Gold on tail

| NO. OF PORTS | A             | B             | C             |
|--------------|---------------|---------------|---------------|
| -01          | (46.10) 1.815 | (36.95) 1.455 | (19.72) .776  |
| -02          | (67.10) 2.642 | (57.95) 2.281 | (40.72) 1.603 |



Some components  
removed for clarity

## APPLICATION



Mates with:  
RCE

## SPECIFICATIONS

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

**Insulator Material:**

Glass Filled Thermoplastic

**Contact:**

Phosphor Bronze

**Shield:**

Phosphor Bronze

**Operating Temp Range:**  
-40 °C to +75 °C

**Overmold:**

Rite Flex 640F

**Seal:** Rubber

**Screw:** Stainless Steel

**Nut:** Stainless Steel

**Sealing Washer:** Rubber

**Wire:** 24 AWG

## DUST CAPS

| PORT | PART NO.         | TYPE                 |
|------|------------------|----------------------|
| -01  | DCA-RPBE-01-01-P | Push-On/<br>No Latch |
| -01  | DCA-RPBE-01-01-L | Latching             |
| -02  | DCA-RPBE-02-01-L |                      |

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

RPCE

01

PLATING

WIRE  
LENGTHEND  
OPTION

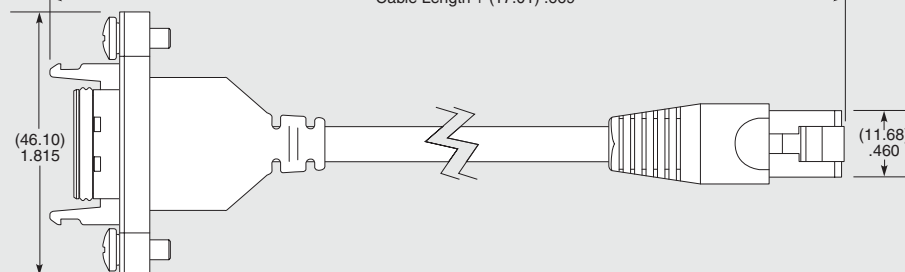
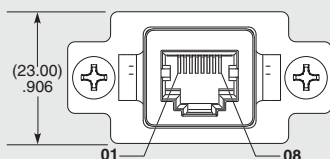
C5E

-E

= 50 μ" (1.27 μm) Gold on contact, Nickel on shell

-00.25  
= (0.25 m) 9.84"-00.50  
= (0.50 m) 19.69"

Standard lengths

-D  
= Double Ended-BC  
= Blunt Cut

**ALSO  
AVAILABLE  
(MOQ Required)**

• Other wire lengths

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

[WWW.SAMTEC.COM](http://WWW.SAMTEC.COM)

All parts within this catalog are built to Samtec's specifications.

Customer specific requirements must be approved by Samtec and identified in a Samtec customer-specific drawing to apply.