

## IP67 SEALED 8 SERIES CABLE ASSEMBLY

### MCP/MCR SERIES



#### MCP

Mates with:  
MCR(K), MCP(K)

MCP Kit:  
MCPK

#### MCR

Mates with:  
MCP(K)

MCR Kit:  
MCRK

### SPECIFICATIONS

**Insulator Material:**  
PPS

**Terminal Material:**  
Phosphor Bronze (MCP)

**Contact Material:**  
Phosphor Bronze (MCR)

**Operating Temp Range:**  
-20 °C to +80 °C

**Gasket Material:**  
Silicone (MCP)  
Neoprene Rubber (MCR)

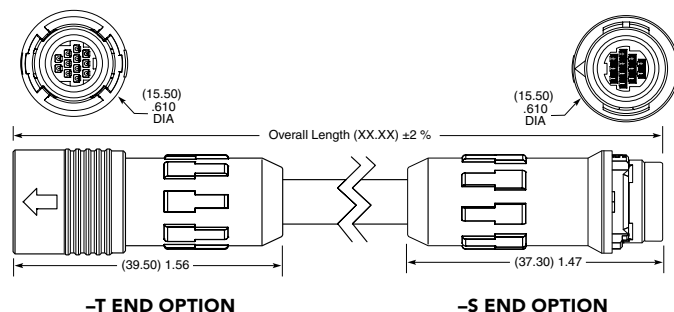
**Spring Material:**  
Stainless Steel (MCP)

**Coupling Ring Spacer:**  
PBT (MCP)

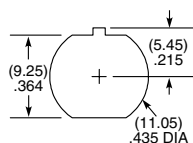
**Cable Clamp:**  
POM (MCP)

**Lock Washer:**  
Phosphor Bronze,  
Ni plated (MCR)

**Hex Nut:**  
Brass, Ni plated (MCR)



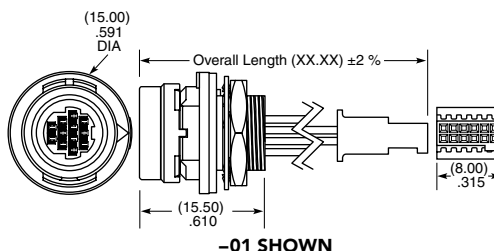
### PANEL OPENING



| MCP | 8 | LEAD STYLE                       | PLATING OPTION                                     | LENGTH                                                              | END 1 OPTION                                                            | END 2 OPTION                                                     |
|-----|---|----------------------------------|----------------------------------------------------|---------------------------------------------------------------------|-------------------------------------------------------------------------|------------------------------------------------------------------|
|     |   | -02<br>= 12 positions,<br>28 AWG | -L<br>= 10 μ"<br>(0.25 μm)<br>Gold on contact area | -01.00<br>= 1 meter<br><br>-02.00<br>= 2 meters<br>Standard lengths | -T<br>= Terminal<br><br>-S<br>= Socket<br>(Not available with End 2 -T) | -T<br>= Terminal<br><br>-S<br>= Socket<br><br>-BC<br>= Blunt Cut |

| MCR | 8 | LEAD STYLE                       | PLATING OPTION                                     | LENGTH                                                                   | END 1 OPTION   | END 2 OPTION                                                                                                         |
|-----|---|----------------------------------|----------------------------------------------------|--------------------------------------------------------------------------|----------------|----------------------------------------------------------------------------------------------------------------------|
|     |   | -02<br>= 12 positions,<br>28 AWG | -L<br>= 10 μ"<br>(0.25 μm)<br>Gold on contact area | -00.25<br>= 0.25 meter<br><br>-00.50<br>= 0.50 meter<br>Standard lengths | -S<br>= Socket | -BC<br>= Blunt Cut<br>(Color wire only, see chart)<br><br>-01<br>= 2x6 SFSD<br>(Pin 1 to Pin 1)<br>(Black wire only) |

| -BC CABLE COLOR CODING |             |
|------------------------|-------------|
| PIN                    | COLOR       |
| 1                      | BROWN       |
| 2                      | RED         |
| 3                      | ORANGE      |
| 4                      | YELLOW      |
| 5                      | GREEN       |
| 6                      | DARK BLUE   |
| 7                      | VIOLET      |
| 8                      | GRAY        |
| 9                      | WHITE       |
| 10                     | BLACK       |
| 11                     | GREEN/BLACK |
| 12                     | TAN         |



**Notes:**  
Samtec's MCR, MCP Series is dual sourced by Hirose Electric Co. LTD

Some lengths, styles and options are non-standard, non-returnable

### DUST CAPS

-S (socket) = DCA-MCR-8  
-T (terminal) = DCA-MCP-8

# Mouser Electronics

Authorized Distributor

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## Samtec:

[MCP-8-02-L-02.00-T-BC](#) [MCP-8-02-L-01.00-T-BC](#) [MCP-8-02-L-01.00-S-S](#) [MCP-8-02-L-00.50-S-S](#) [MCP-8-02-L-10.00-T-T](#) [MCP-8-02-L-01.00-T-T](#) [MCP-8-02-L-01.00-S-BC](#) [MCP-8-02-L-02.00-S-BC](#) [MCP-8-02-L-02.00-T-T](#) [MCP-8-02-L-03.00-T-T](#) [MCP-8-02-L-04.00-T-T](#) [MCP-8-02-L-05.00-T-BC](#) [MCP-8-02-L-00.25-S-BC](#) [MCP-8-02-L-00.25-T-S](#) [MCP-8-02-L-00.25-T-T](#) [MCP-8-02-L-05.00-T-S](#) [MCP-8-02-L-00.50-T-BC](#) [MCP-8-02-L-05.00-T-T](#) [MCP-8-02-L-00.25-T-BC](#) [MCP-8-02-L-00.50-T-S](#) [MCP-8-02-L-02.00-T-S](#) [MCP-8-02-L-01.00-T-S](#) [MCP-8-02-L-00.30-T-T](#) [MCP-8-02-L-00.50-T-T](#) [MCP-8-02-L-00.32-T-BC](#) [MCP-8-02-L-00.30-T-BC](#) [MCP-8-02-L-00.92-T-BC](#)