



MCP-8-02-L-01.00-T-S

MCR, MCP SERIES

# IP67 SEALED 8 SERIES PANEL ASSEMBLY

## FEATURES

- IP67 dust and water protected when submerged 1 m deep for 30 minutes
- Lightweight plastic shell
- Push-pull latching system
- 11.05 mm (.435") DIA panel opening
- Polarizing keys protect from misalignment
- Visual alignment indicators
- Cable-to-cable or cable-to-panel solutions

## SPECIFICATIONS

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

- Insulator Material:** PPS
- Terminal Material (MCP):** Phosphor Bronze
- Contact Material:** Phosphor Bronze
- Operating Temp Range:** -20 °C to +80 °C
- Gasket Material:** Neoprene Rubber (MCR) Silicone (MCP)
- Lock Washer (MCR):** Phosphor Bronze, Ni plated
- Hex Nut (MCR):** Brass, Ni plated
- Spring Material (MCP):** Stainless Steel
- Coupling Ring Spacer (MCP):** PBT
- Cable Clamp (MCP):** POM
- RoHS Compliant:** Yes

## COMPONENTS

- For body, see [www.samtec.com?MCRK](http://www.samtec.com?MCRK) or [www.samtec.com?MCPK](http://www.samtec.com?MCPK)
- For contacts, see [www.samtec.com?CC393](http://www.samtec.com?CC393) or [www.samtec.com?TC114](http://www.samtec.com?TC114)

## DUST CAPS

- -S (Socket) = DCA-MCR-8
  - -T (Terminal) = DCA-MCP-8
- Visit [sealedio.samtec.com](http://sealedio.samtec.com) for a complete list of sealed systems

## ALSO AVAILABLE (MOQ Required)

- Other lengths
- Contact Samtec.

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

<b>MCR</b>	<b>8</b>	<b>LEAD STYLE</b>	<b>PLATING</b>	<b>LENGTH</b>	<b>END 1 OPTION</b>	<b>END 2 OPTION</b>
Mates with: MCP(K)		<b>-02</b> = 12 positions, 28 AWG	<b>-L</b> = 10 μ" (0.25 μm) Gold on contact area	<b>-00.25</b> = 0.25 meter <b>-00.50</b> = 0.50 meter Standard lengths	<b>-S</b> = Socket	<b>-BC</b> = Blunt Cut (Color wire only, see chart) <b>-01</b> = 2x6 SFSD (Pin1 to Pin1) (Black wire only)

### APPLICATION

-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

### PANEL OPENING

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

**-T END OPTION**

**-S END OPTION**

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.