samtec

ACCLIMATE™



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 or 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 or www.samtec.com?MCPK
- For contacts, see www.samtec.com?CC393 or www.samtec.com?TC114

DUST CAPS

- -S (Socket) = DCA-MCR-8
- -T (Terminal) = DCA-MCP-8

Visit sealedio.samtec.com for a complete list of sealed systems

ALSO AVAILABLE (MOQ Required)

- Other lengths

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

MCR

MCR – 8 – LEAD STYLE – PLATING – LENGTH – END 1 OPTION – END 2 OPTION

Mates with: MCP(K)

LEAD STYLE
–02 = 12 positions, 28 AWG

PLATING
–L = 10 µ" (0.25 µm) Gold on contact area

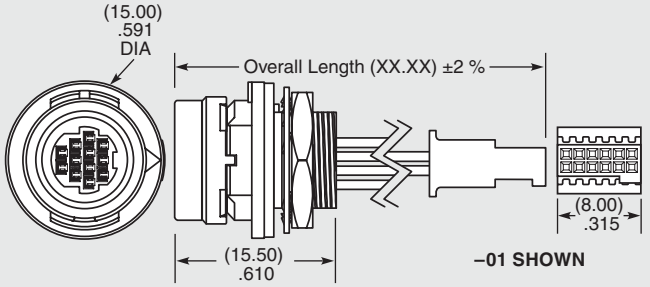
LENGTH
–00.25 = 0.25 meter
–00.50 = 0.50 meter
Standard lengths

END 1 OPTION
–S = Socket

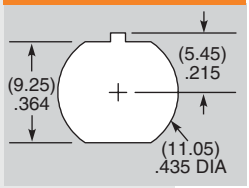
END 2 OPTION
–BC = Blunt Cut (Color wire only, see chart)
–01 = 2x6 SFSD (Pin1 to Pin1) (Black wire only)

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



MCP

MCP – 8 – LEAD STYLE – PLATING – LENGTH – END 1 OPTION – END 2 OPTION

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

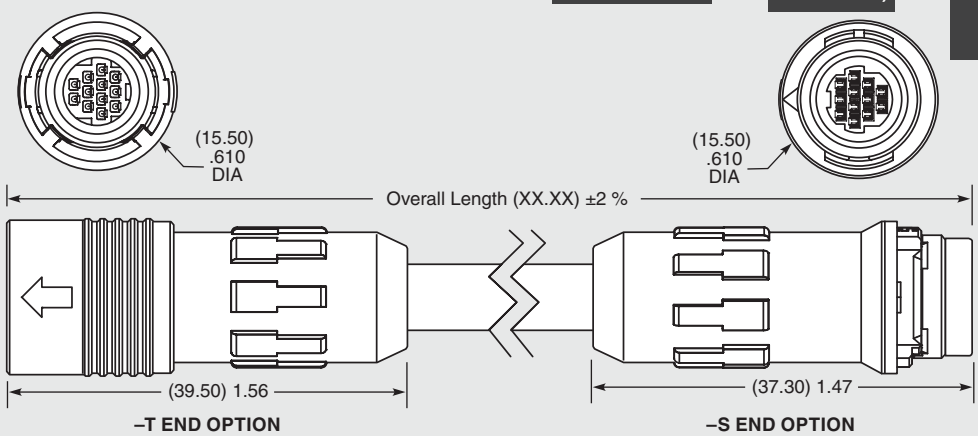
LEAD STYLE
–02 = 12 positions, 28 AWG

PLATING
–L = 10 µ" (0.25 µm) Gold on contact area

LENGTH
–01.00 = 1 meter
–02.00 = 2 meters
Standard lengths

END 1 OPTION
–T = Terminal
–S = Socket (Not available with End 2 -T)

END 2 OPTION
–T = Terminal
–S = Socket
–BC = Blunt Cut



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

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.

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Samtec:

MCR-8-02-L-00.25-S-BC MCR-8-02-L-00.10-S-01 MCR-8-02-L-00.25-S-01 MCR-8-02-L-00.30-S-BC MCR-8-02-L-01.00-S-BC MCR-8-02-L-00.50-S-BC MCR-8-02-L-50.00-S-BC MCR-8-02-L-00.50-S-01 MCR-8-02-L-00.18-S-01 MCR-8-02-L-00.78-S-01 MCR-8-02-L-00.12-S-01 MCR-8-02-L-00.15-S-BC MCR-8-02-L-00.10-S-BC MCR-8-02-L-00.30-S-01 MCR-8-02-L-01.00-S-01 MCR-8-02-L-00.15-S-01 MCR-8-02-L-00.35-S-BC MCR-8-02-L-00.20-S-BC