

# AccliMate™

## IP67 Sealed Mini Push-Pull System



AccliMate™ Sealed Mini Push-Pull system (MCP and MCR Series) is IP67 protected against dust and water, making it ideal for harsh environments and high density applications. The system is constructed of lightweight plastic and designed with a small round form factor for increased density on the panel.

Samtec's AccliMate™ Sealed Mini Push-Pull system is intermateable with the Hirose HR30 Series, allowing for ease of integration into existing systems. The cable-to-cable or cable-to-panel solution is available in 12 positions with 28 AWG cable in standard lengths of 0,25 meter and 0,50 meter. A simple pull lock/release system creates a secure lock and allows for quick disconnection. This system is available as complete assemblies or components in a Field Termination Kit, with hand tools or mini applicators for purchase at an additional cost.

### Features:

- IP67 dust and water protected when submerged 1 m deep for 30 minutes
- Lightweight plastic shell with push-pull latching system
- Molded-in grooves to prevent hand slippage
- Polarizing keys protect from misalignment
- Visual alignment indicators
- Cable-to-cable or cable-to-panel solutions
- Industries: Industrial, Instrumentation, Portable Applications, Test & Measurement, Mini Application I/O



### Components

#### Plug:

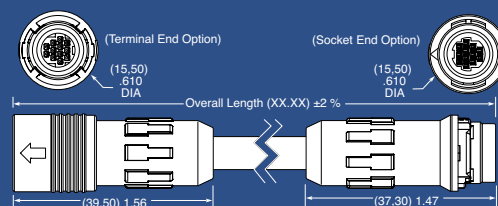
- MCPK – Terminal or Socket
- CC393 – Contact
- TC114 – Terminal
- DCA-MCR-8 – Dust Cap (socket)
- DCA-MCP-8 – Dust Cap (terminal)

#### Panel:

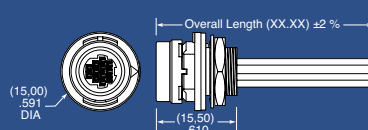
- MCRK – Socket
- CC393 – Contact
- DCA-MCR-8 – Dust Cap (socket)

### Assembly

#### Plug: MCP



#### Panel: MCR



### Tooling

#### Hand Tool:

- CAT-HT-393-2430-13

#### Mini Applicators:

- CAT-MA-393-2830-TR-01 (30 mm stroke length)
- CAT-MA-393-2830-FR-01 (40 mm stroke length, pre-feed)
- CAT-MA-393-2830-FS-01 (40 mm stroke length, post-feed)

#### Fixtures:

- CAT-WR-MCX-8-01 – Torque Wrench Adaptor
- CAT-TF-MCX-8-01 – Torque Fixture
- CAT-EX-MCX-8-01 – Extraction Tool

For more Sealed I/O Solutions, please visit [samtec.com/acclimate](http://samtec.com/acclimate)