



Micro Series MCIL8F 8P Female In-Line Cable Plug Connector

Part Number:

**MCIL8F**

### Basic Information

|                     |        |
|---------------------|--------|
| Connector Type      | Plug   |
| Contact Type        | Female |
| Number of Positions | 8 Pin  |

### Material Specification

|                  |                    |
|------------------|--------------------|
| Contact Material | Gold-plated Copper |
| Shell Material   | Neoprene Rubber    |
| Suitable Cable   | 0.5 Flat           |

### Electrical Specification

|                       |        |
|-----------------------|--------|
| Contact Resistance    | <0.01Ω |
| Insulation Resistance | >200MΩ |

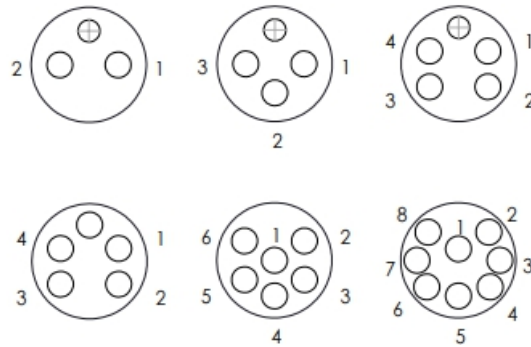
### Mechanical Specification

|                                   |              |
|-----------------------------------|--------------|
| Electrical Parameters             | 300V@3-10Amp |
| Number of Insertions and Removals | >500         |

### Environmental Specification

|                       |              |
|-----------------------|--------------|
| Operating Temperature | -4°C - +60°C |
| Working Depth         | 6000 meters  |

## Contact Layout



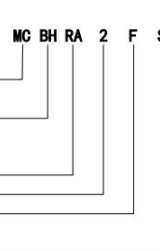
## Size



## How to Order

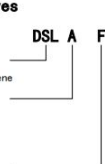
### Connectors

S: Subminiature  
MC: Micro  
LP: Flat Shape  
HP: High Power  
BH: Bulkhead  
IL: Inline  
DC: Dummy  
RA: Right Angle  
2: Pin Number  
F: Female Pin  
M: Male Pin  
SS: Made from stainless steel  
TI: Made from titanium alloy

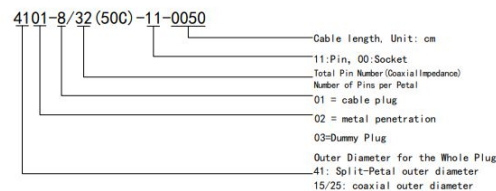


### Locking Sleeves

DSL: Polyoxymethylene  
MDSL: Micro Polyoxymethylene  
A: 2, 3, 4&5Pin  
Micro: 10, 12&16Pin  
B: 1, 6, 8&10Pin  
O: 12&16Pin  
F: Female  
M: Male



### Coaxial Series and Split-petal Series



## Disclaimer

The information in this specification is subject to change without notice. Please confirm the latest version before use. Technical parameters are for reference only, and sufficient testing and verification should be conducted in actual applications.