

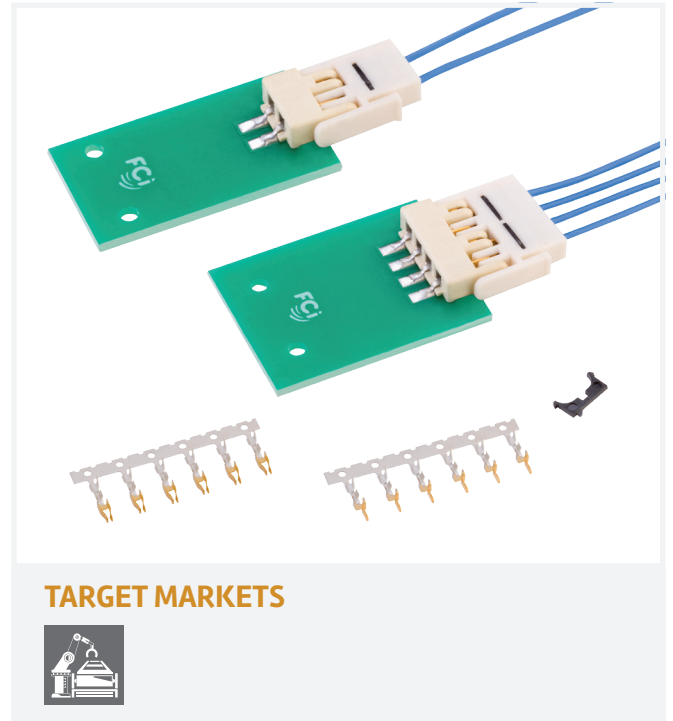
# ROTACONNECT® WIRE-TO-BOARD CONNECTOR

Extension of the RotaConnect® family

## FLEXIBLE, RELIABLE SOLUTION TO ENHANCE DURABILITY

FCI's RotaConnect® Wire-to-Board (WTB) solution mates horizontally with the RotaConnect® Board-to-Board (BTB) with locating pegs. Housing is designed with latch for a more secure and reliable connection.

- Housing with latch ensures positive Latching
- Dual beam contact ensures reliable connector
- Self-guided feature prevents mismatching and assures correct counterpart positioning



### TARGET MARKETS



### FEATURES

- Housing with latch feature
- Dual beam contact
- Self-guided features
- Housing design
- RoHS compliant

### BENEFITS

- Ensures positive latching
- Reliable connector
- Prevents mismatching and assures correct counterpart positioning
- Ensures pins are protected
- Meets environmental, health and safety requirements



# ▶ ROTACONNECT® WIRE-TO-BOARD CONNECTOR

## TECHNICAL INFORMATION

### MATERIAL

- Housing: Thermoplastic Polyester UL94V-0; Natural color
- Contact: Copper Alloy
- Plating: GXT®

### MECHANICAL PERFORMANCE

- Durability: ≤ 20 mating cycles

### APPROVALS AND CERTIFICATIONS

- RoHS compliant

### PACKAGING

- Bulk
- Reels

### ELECTRICAL PERFORMANCE

- Current Rating: up to 5A
- Operating Voltage: 125V

### ENVIRONMENTAL

- Operating Temperature: -40°C to +125°C

### SPECIFICATIONS

- EIA 364: Electrical Connector Test Procedures

### TARGET MARKETS/APPLICATIONS



Control Board  
Sensor, Actuator  
Rigid LED Strip  
Automotive Lighting  
Channel Lettering  
Lighting Luminaries

## PART NUMBERS

Description	Part Numbers	Packaging
2 Position WTB housing and lock kit	10120045-K02LF	Bulk
4 Position WTB housing and lock kit	10120045-K04LF	Bulk
Crimp-to-Wire header terminal	10120045-P01LF	Loose piece
Crimp-to-Wire receptacle terminal	10120045-R01LF	Loose piece

BWBRTWB0316EA4

#### Disclaimer

Please note that the above information is subject to change without notice.

# Mouser Electronics

Authorized Distributor

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

[FCI / Amphenol:](#)

[10120045-P01LF](#) [10120045-R01LF](#) [10120045-R02LF](#) [10120045-P02LF](#)