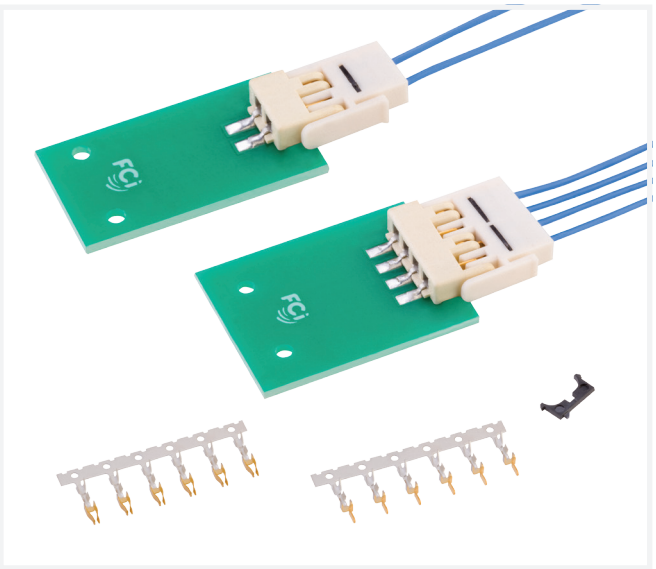
ROTACONNECT®
WIRE–TO–BOARD CONNECTOR
Extension of the RotaConnect® family

Amphenol FCI

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 mismating and assures correct counterpart positioning



TARGET MARKETS

FEATURES	BENEFITS
▪ Housing with latch feature	▪ Ensures positive latching
▪ Dual beam contact	▪ Reliable connector
▪ Self–guided features	▪ Prevents mismating and assures correct counterpart positioning
▪ Housing design	▪ Ensures pins are protected
▪ RoHS compliant	▪ Meets environmental, health and safety requirements

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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

BWBRWTB0316EA4

For more information,
please contact: Communications@fci.com
or visit us at www.fci.com

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10120045-P01LF 10120045-R01LF