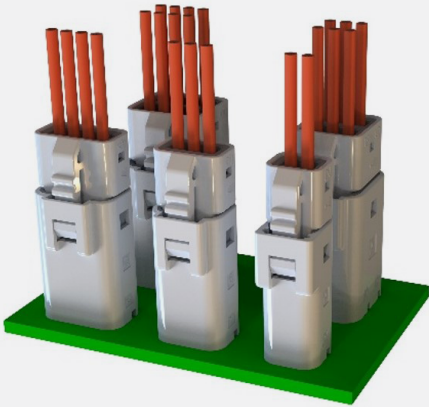


# QUICK CONNECTION WATERPROOF 2.0 PITCH WIRE-TO-BOARD CONNECTOR

## QUICK CONNECTION AND RELIABLE PERFORMANCE WITH IP67 PROTECTION

TE Connectivity (TE)'s latest Quick Connection Waterproof 2.0 Pitch (QCW2.0) Wire-to-Board Connector is designed for applications that require reliable connection in vibrating and humid environments. It features a space-saving design, a simple and high efficiency assembly process, and IP67 rated performance.



The QCW2.0 Wire-to-Board Connector is available in single row 2P, 3P and 4P, as well as dual row 6P and 8P configurations to meet different design requirements. With robust locking, error-resistant mating and integrated sealing, this connector provides stable performance and is suitable for home appliances such as washing machines and refrigerators, as well as non appliance applications including E bikes, E-motorcycles, and home energy systems.

### ELECTRICAL

- Operating Current Rating: 3A Max.
- Operating Voltage: 100 VAC/VDC

### MECHANICAL

- Orientation: Wire-to-board, vertical header, through hole (T/H)
- Pitch: 2.0mm
- Number of Positions:  
Single Row 2/3/4P,  
Dual Row 6/8P
- Mating Cycles: 30 cycles
- Potting Height: <=7.5mm

### MATERIALS

- Operating Temperature:  
-55°C to 120°C
- Wire Range: 26 AWG to 22 AWG

### STANDARDS AND SPECIFICATIONS

- UL94 V-0 per UL1977
- Product Specification: [108-162342](#)
- Application Specification: [114-161801](#)
- Qualification Test Report: [501-162303](#)

### KEY FEATURES

- Enhanced sealing performance through the integration of gang seal and seal retainer
- High-performance terminal with dual contact points and a lance-less design ensures reliable and efficient connectivity
- Features high vibration resistance and comply with the SAE/USCAR-2 V2 standard
- Internal latch with Anti-snap feature helps prevent latch damage
- Slot feature on the seal retainer helps prevent mis-insertion

### APPLICATIONS



Washing  
Machine



Refrigerator



E-Mobility Applications



Home Energy  
Applications



PARTS LIST

Header and Plug Assembly

Positions	Configuration	Part Number	
		Header Assembly	Plug Assembly
2	Single Row	<a href="#">2525844-2</a>	<a href="#">2525846-2</a>
3	Single Row	<a href="#">2525844-3</a>	<a href="#">2525846-3</a>
4	Single Row	<a href="#">2525844-4</a>	<a href="#">2525846-4</a>
6	Dual Row	<a href="#">2525844-6</a>	<a href="#">2525846-6</a>
8	Dual Row	<a href="#">2525844-8</a>	<a href="#">2525846-8</a>

Contact

Wire Size (AWG)	Receptacle Terminal	Applicator
22-26	<a href="#">2525848-1</a>	2026030003-OEM

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