

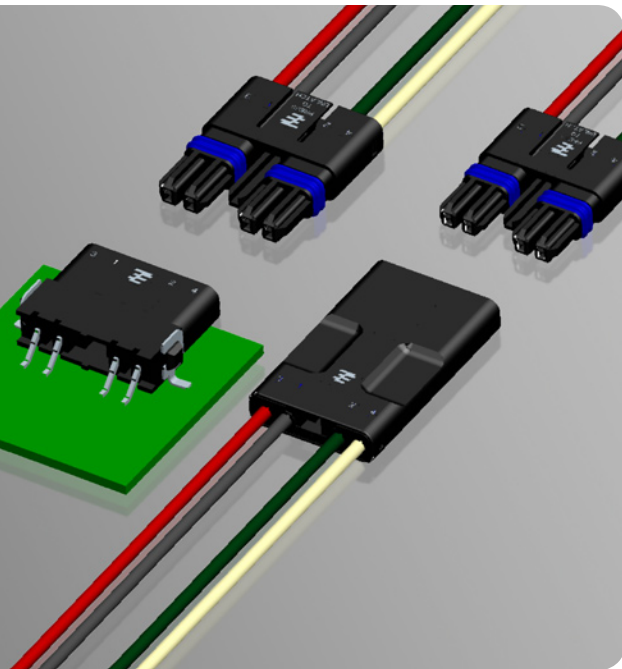
## In Development : Low Power Sealed Lighting Connector

The Low Power Sealed Lighting Connector is a sealed, low power, low profile, single row LED connector developed for indoor and outdoor lighting applications. It is designed for wire-to-wire and wire-to-board configurations, and connects to the board by either SMT or through-hole technology. Immediate offerings will include 2, 3 and 4 positions.

## In Development : Sealed Lighting Connector

### KEY FEATURES

- Low profile, protected latch
- Polarized housing
- Positive latching
- Shadow minimizing rounded corners
- Colors available: black and white
- Optional grounding pin
- UV resistant material
- Preassembled seals



### FOR MORE INFORMATION

**Alex Hunt III,**  
**Lighting Product Manager**  
ahunt@tycoelectronics.com  
Phone : 717-986-5911  
Fax : 717-986-3486

[www.tycoelectronics.com](http://www.tycoelectronics.com)

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### APPLICATIONS

Designed for indoor/outdoor use. Typical applications include office, residential, architectural LED lighting fixtures, and commercial/residential refrigeration lighting.

### ELECTRICAL

Operating current : Up to 5 Amps

Operating voltage : 120 V AC/DC

### MECHANICAL

Positions : 2, 3 and 4, accommodating 18 to 24 AWG wire

Contact interface : Proven Micro Mate-N-Lok technology

Sealing to IP67 : Ingress protection up to and including immersion in 1 meter of water for 30 minutes

Durability : 30 cycles minimum

Environmental operating temperature : -40°C to 105° C

### MATERIALS

All components are RoHS compliant

Housings : Thermoplastic

Contacts : Receptacle-Phosphor bronze, Pins-Brass

Finish options : Tin over Nickel, Gold over Nickel

Integral seals : Silicone rubber

### STANDARDS AND SPECS

UL 486D/CSA C22.2 NO. 198.2-05

UL 1977 (Header Assemblies)

IEC 61984

IEC 60529

Product Specification (Design Objectives) : 108-2391

Exposure : UL 94 V0, UL 746C F1 (suitable for outdoor use),  
IP67 seal rating

### PRODUCT OFFERING

#### Wire-to-wire

- Plug assembly : 2106135
  - Receptacle contact : 2106123
- Receptacle assembly : 2106136
  - Tab contact : 2106124

#### Wire-to-Board

- Vertical header assembly : SMT-2106053, Through-hole : 2106112
- Right angle header assembly : SMT-2106056, Through-hole : 2106111
- Plug assembly : 2106135
  - Receptacle (socket) contact : 2106123

### APPLICATION TOOLING

Contact wire barrel crimping tool (hand or automatic) required

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