

BUCHANAN WireMate CONNECTOR

Slim Poke-In Series

TE Connectivity (TE)'s BUCHANAN WireMate connector slim poke-in series are developed for wire to PCB board connection. The slim connector with no housing serves as an easy poke-in connector with strong retention ability. The advantage of using this connector is that the conductor can be connected quickly without special tools and the small profile saves the space on the PCB.



Applications

- LED Lighting Systems
- Home Automation
- Security Systems
- Telecommunications

Electrical

- Voltage rating: 300 VAC Max
- Dielectric strength: 2000 VAC

Specifications

- Application Specification: [114-137049](#)
- Product Specification: [108-137049](#)
- UL Approval: UL1977

Materials

- Contact: Copper Alloy with Tin plating

Mechanical

- Operating temperature range -40 to 125°C
- Wire retention: 30N Minimum
- Current rating: see table below

Benefits

- Quick solderless poke-in connector design
- Slim contacts that have no covering housing
- Several solutions for solid and stranded wire from 16 AWG to 24 AWG
- Safety standards with UL/CQC approval
- Available in Tape & Reel packaging

Current Ratings

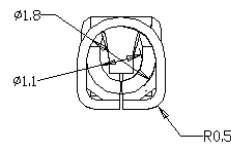
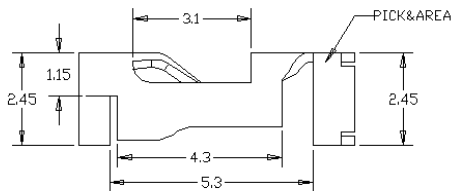
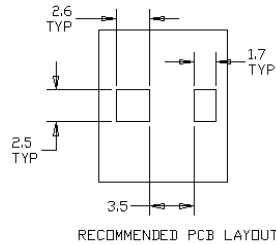
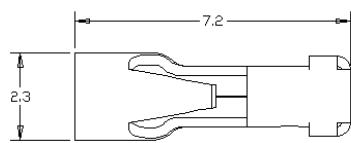
Part Number	16 AWG	18 AWG	20 AWG	22 AWG	24 AWG
2834010-3	-	-	11 A	8 A	6 A
2834012-3	16 A	13 A	11 A	-	-

Product Selection Information

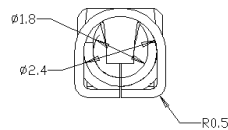
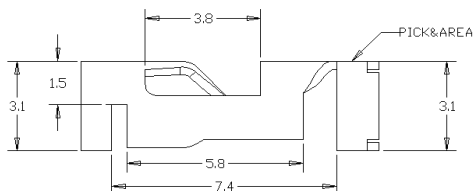
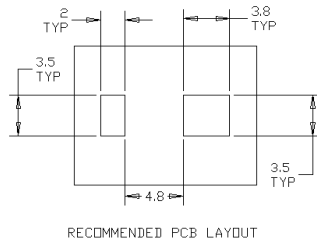
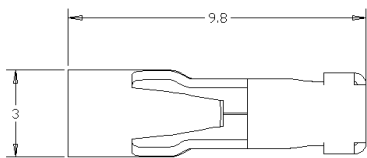
Part Number	Description
2834010-3	For wire 20, 22 and 24 AWG
2834012-3	For wire 16, 18 and 20 AWG

Dimensions

2834010-3



2834012-3



Dimensions are shown for reference purposes only. Specifications subject to change.