POKE-IN SLIM WIRE CONNECTORS

TE Connectivity (TE) introduces our new SMT Releasable Slim Contact, designed for quick and easy Wire-to-Board and Board-to-Board connectivity in a low profile, slim form factor. The releasable contact function along with the design for multiple wire sizes allows for convenience in installation and rework. Additionally, the low profile and small footprint allows for high density and compact PCB designs.



Applications

- Telecommunication systems
- · Lighting systems
- Security
- Room and area lighting

Electrical

- Current Rating:
 - 10 A for wire 18AWG
 - 6A for wire 20AWG & 22AWG
 - 4A for board to board connection
- Voltage Rating:
 - 300V AC Max.

Mechanical

- Operating Temperature:
- Wire Gauge 2834167-3: 2834171-3:

-40°C to +105°C 18-22AWG (solid/stranded) 20-24AWG (solid/stranded)

• Tin dipped required for stranded

Material

• Contact:

Copper Alloy with Tin plating

Specifications

• Product Specification:

108-137166 • Application Specification: 114-137166

Product Compliance / Approvals

• UL Approval:

UL1977 / File: E28476

Key Benefits

- Releasable function allows for auick rework
- Designed for compact PCB layouts
- Bare contact offers size and cost savings from housed poke-in
- Wide range of wire sizes accepted
- Board-to-board mating function



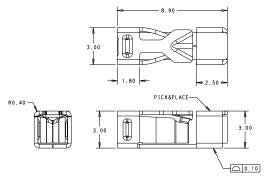
Product Selection Information

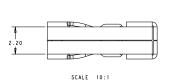
Description	Part Number
RELEASABLE SLIM FEMALE CONTACT	<u>2834167-3</u>
ULTRAMINIATURE SLIM CONTACT	<u>2834171-3</u>
ULTRAMINIATURE SLIM MALE PIN CONTACT	<u>2834172-3</u>

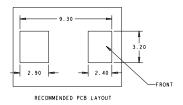
RECOMMENDED PCB LAYOUT

Dimensions

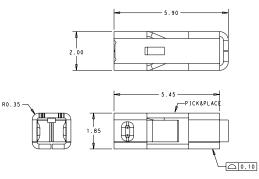
2834167-3

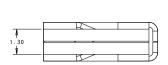




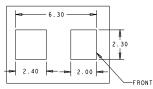


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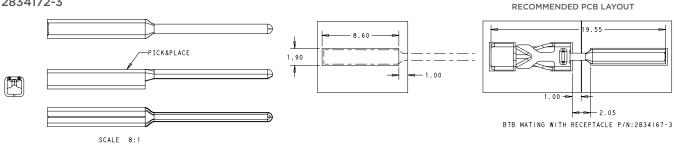




RECOMMENDED PCB LAYOUT



2834172-3



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