



# POSITIVE LOCK MULTI- POSITION CONNECTOR WITH X-LIF TERMINAL

## JOINING PRODUCTION EFFICIENCY WITH ERGONOMIC DESIGN

### APPLICATIONS

- Air conditioner
- Microwave oven
- PCB panel

### SPECIFICATIONS

- Product specification: [108-106568](#)
- Application specification: [114-106568](#)

### ELECTRICAL

- 18-14 AWG - 15A max

### PRODUCT COMPLIANCE/ CERTIFICATION

- UL1977
- RoHs, REACH Compliance
- VDE

### MATERIALS

- Housings: PBT
  - UL94V-0
  - GWT 750°C
- Contact: Tin plated, copper Alloy

TE Connectivity's new Positive Lock multi-position connector with extra low insertion force (X-LIF) terminal was developed to meet industry demands for improved manufacturing efficiency and easier part mating. The multiple position connector was designed to mate with multiple printed circuit board (PCB) position tabs, eliminating the inefficiency of assembling single position connectors. Likewise, the positive lock feature and the error-proof asymmetrical housing prevent costly production issues due to half-mating or mis-mating. The Positive Lock connector enables easy, ergonomic assembly with the combination of an innovative latch structure and F-spring terminals that require low mating force (<15N/ single position).

### FEATURES AND BENEFITS

- Extra low insertion force (X-LIF) provides more ergonomic assembly
- Multi-position housing (3 or 4 position) increases assembly efficiency
- Asymmetrical housing eliminates risk of mis-mating
- Positive lock system ensures reliable connection with audible mating confirmation and high retention force
- Un-locking features allow easy separation from tabs
- Robust mechanical design reduces likelihood of damage during assembly

## POSITIVE LOCK MULTI- POSTION CONNECTOR WITH X-LIF TERMINAL

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### PART NUMBERS

Part Number	Part Description
<a href="#">2379911-1</a>	250 FSPRING REC. 18-14AWG TPBR
<a href="#">2379907-1</a>	250 HSG.F-SPRING REC. 10mm3P NAT
<a href="#">2380041-1</a>	250 HSG.F-SPRING REC. 10mm4P NAT

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