



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- POSITION CONNECTOR WITH X-LIF TERMINAL

PART NUMBERS

Part Number	Part Description
2379911-1	250 FSPrING REC. 18-14AWG TPBR
2379907-1	250 HSG.F-SPRING REC. 10mm3P NAT
2380041-1	250 HSG.F-SPRING REC. 10mm4P NAT

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