tyco Electronics

MULTI-BEAM XL™

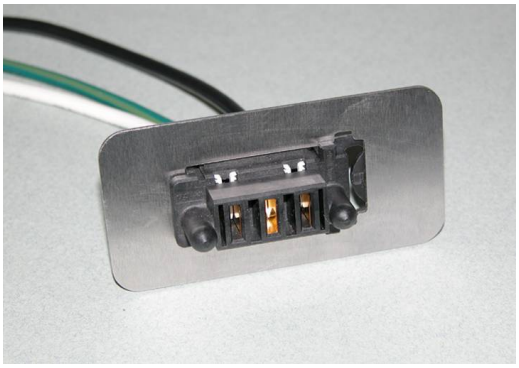
Slide-to-Lock Panel Mount Cable Assemblies

8/05 2-1773441-6

New product

DESCRIPTION

The slide-to-lock panel mounting feature is an addition to the MULTI-BEAM XL cable receptacles. The plastic locking mechanism eliminates the typical hardware used to mount drawer connectors (shoulder screws, etc.) and still allows for a total 1.5mm float (+/- 0.75mm in X and Y directions). The connectors are easily installed and removed without tools and can be made available in all power and signal mixed combinations of MULTI-BEAM XL cable receptacles.



APPLICATION

Slide-to-Lock cable receptacles are used wherever a floating panel mount power distribution connector is needed. The float-mount feature improves the use of the connector to accommodate drawer applications such as fan trays, power distribution units and modular power supplies better than when both mating halves are fixed. Having one side which floats greatly reduces the effects of mis-alignment and helps to reduce costs by allowing for a relaxed tolerance of the mechanical chassis build.

KEY FEATURES

- Compatible with all MULTI-BEAM XL PCB Mount headers
- Durable high-temperature glass-filled housings
    - Eliminates concerns with elongation due to humidity
- Integral AMP cable tie secure point – for secondary strain-relief
    - Saves space vs. secondary strain relief housings
- Molded in circular guide pins – provide excellent guidance for blind-mate applications

FOR MORE INFORMATION

Internet: www.mbxl.tycoelectronics.com

Name: Michael Blanchfield, Product Manager
Phone: 1-717-986-3383
Fax: 1-717-985-2833
E-mail: mablanchfield@tycoelectronics.com

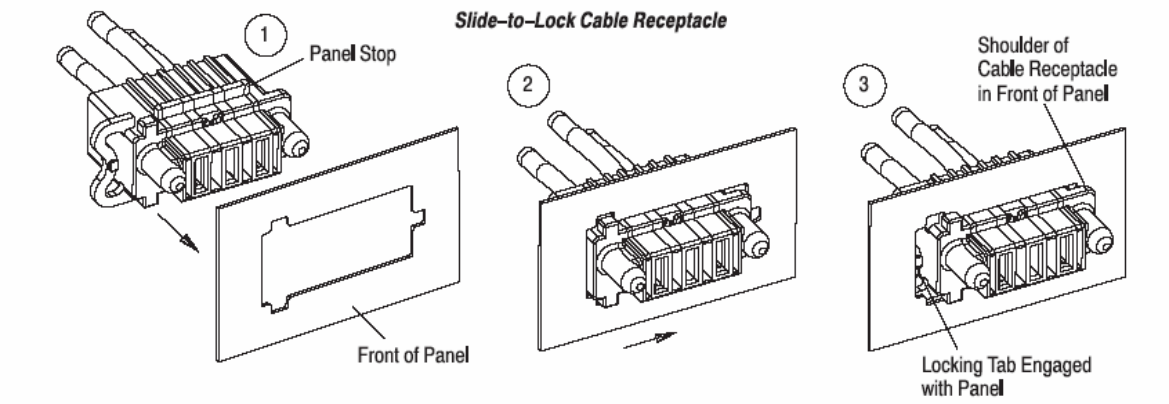
MULTI-BEAM XL

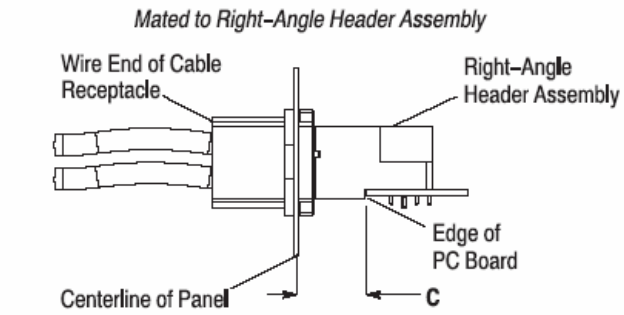
Slide-to-Lock Panel Mount Cables

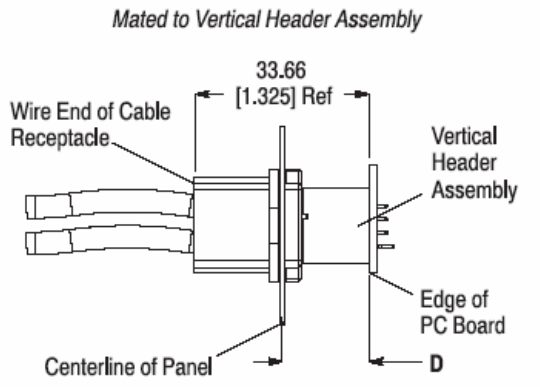
PART NUMBER

Part Numbers: 1761419-X (Power Only), 1761819-X (Power & Signal Mixed)

PRODUCT DIMENSIONS







TYPICAL ELECTRICAL PROPERTIES

- Accepts 14 – 8 AWG wire for power . . . Up to 50 Amps per contact (on single 8 AWG wire)
- Accepts 26-22 AWG wire for signals . . . Up to 5 Amps per contact (on 22 AWG wire)

ENVIRONMENTAL PARAMETERS

Maximum continuous operating temperature - 105°C

Durability rating: 250 Cycles – per Tyco Spec. 108-2157

TECHNICAL DOCUMENTS

- Product Specification: 108-2157
- Application Specification: 114-13112

© by Tyco Electronics Corporation. All Rights Reserved. MULTI-BEAM XL and Tyco are trademarks.

tyco Electronics