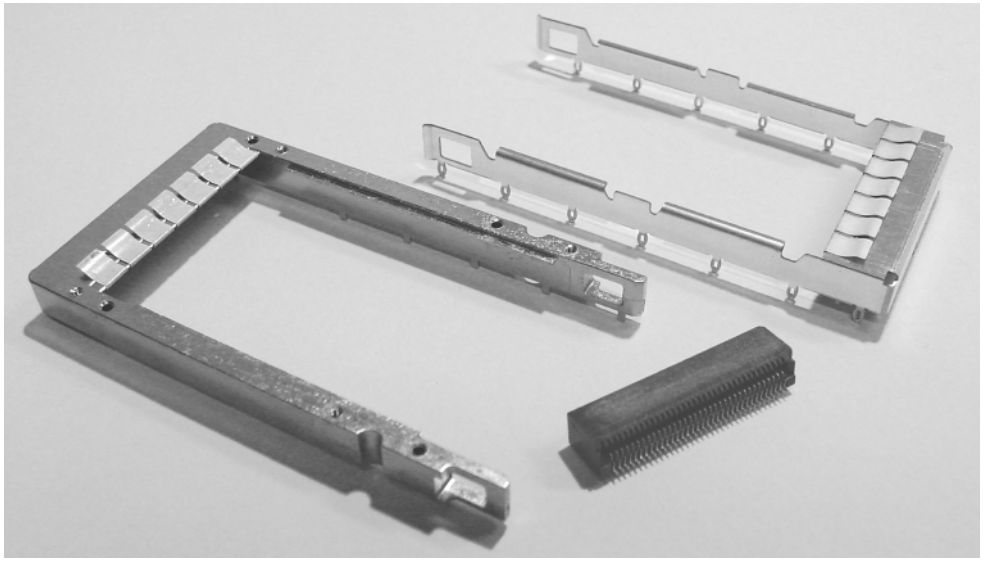
# X2 Standard Guide Rails and Connectors

## Product Facts

- **XAUI-based, 4 channels at 3.125 Gb/s**
- **Supports X2 MSA**
- **Uses 70 position SMT connector**
- **EMI spring gasket provides shielding to X2 compliant module**
- **Die cast (screw mount) and stamped (press-fit) designs available**
- **Application tooling available**
- **Belly-to-belly mounting possible**



Tyco Electronics offers a guide rail system that meets X2 standard specifications. X2 standard is a XAUI-based system that offers four channels of data throughput operating up to 3.125 Gb/s. The guide rail and connector are used in conjunction with an X2 compliant module.

Tyco Electronics offers both a stamped guide rail which is designed for press-fit application, and a robust die cast rail which is screw-mounted. The connector is a 70 position PT connector, using the same design as used in SFP for demonstrated performance and reliability.

## Technical Documents

**Instruction Sheets**

408-10102 X2 Die Cast Guide Rails
408-8997 X2 Press-fit Guide Rails

### Rails

| Part Number | PCB Configuration | Material | PCB Attachment |
|---|---|---|---|
| 1367610-1 | Belly-to-Belly | Stamped Copper Alloy, Tin Plate | Press Fit |
| 1367608-1 | Standard | Stamped Copper Alloy, Tin Plate | Press Fit |
| 1367709-1 | Standard | Die Cast Zinc Alloy, Nickel Plate | Screw Mount |
| 1367710-1 | Belly-to-Belly | Die Cast Zinc Alloy, Nickel Plate | Screw Mount |

### Connectors

| Part Number | Description |
|---|---|
| 1367337-1 | 70 pin, surface mount connector; 0.38 µm (15 µin) gold plating |
| 1367337-2 | 70 pin, surface mount connector; 0.76 µm (30 µin) gold plating |
| 1658198-1 | 70 pin, surface mount connector; 0.76 µm (30 µin) gold plating with surface treatment |

XAUI is a trademark of the 10Gigabit Ethernet Alliance XAUI Interoperability Group.

**Note:** All part numbers are RoHS compliant.



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www.tycoelectronics.com

Dimensions are in millimeters and inches unless otherwise specified. Values in brackets are metric equivalents.

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

USA: 1-800-522-6752
Canada: 1-905-470-4425
Mexico: 01-800-733-8926
C. America: 52-55-1106-0803

South America: 55-11-2103-6000
Hong Kong: 852-2735-1628
Japan: 81-44-844-8013
UK: 44-8706-080-208