



## Features:

- Provides ESD / EMI prevention with grounding structure.
- Good tactile insertion and withdrawal design.
- Superior high-level impedance design meets high-speed transmission.
- Multiple termination options: Surface mount type, Through hole.
- Orientation options: Right Angle, Vertical.
- 2,500 cycles rating.

## Overview:

Amphenol's eSATA provides high durability and high speed support for up to 3 Gb/s data rates and connection for PCs and external storage drives. At a higher data rate than a USB, the eSATA comes in a variety of combinations and stack configurations, while remaining compliant with Serial ATA specifications.



## Applications:

- Computers
- Routers
- NB
- Telecom/Datacom Equipment
- Test card and Card Extenders
- Test and Measurement Equipment
- IP Phones



To learn more about e-SATA connectors:

web: [amphenolcanada.com](http://amphenolcanada.com)

email: [sales@amphenolcanada.com](mailto:sales@amphenolcanada.com)








## Technical Characteristics:

| Mechanical Specifications |              |
|---------------------------|--------------|
| Mating Force              | 40N Max.     |
| Unmating Force            | 10N Min.     |
| Durability                | 2,500 cycles |
| Contact Retention Force   | 5N Min.      |

| Electrical Specification        |  |
|---------------------------------|--|
| Current Rating                  | 1.5A                                   |
| Contact Resistance              | Initial: 30 mΩ Max.<br>ΔR = 15 mΩ Max. |
| Dielectric Withstanding Voltage | 500V AC                                |

| Environmental Specifications |   |
|------------------------------|---|
| Salt Spray                   | 48Hr.   |
| Thermal Shock                | Contact Resistance:<br>Contact ΔR = 15 milliohms Max. |
| Solderability                | Solder Coverage: 95% Min.                             |

## Ordering Information:

|   | Part Number    | Orientation         | Contacts | Type    | Length  | Width  | Height  | Plating       |
|---|----------------|---------------------|----------|---------|---------|--------|---------|---------------|
|    | G0911X1301LF   | Right Angle         | SMT      | Normal  | 13.65mm | 18.7mm | 5.35mm  | G/F, 15u, 30u |
|   | G0912X1304LF   | Right Angle         | SMT      | Reverse | 13.65mm | 18.7mm | 5.35mm  | G/F, 15u, 30u |
|  | G0911X2301LF   | Right Angle         | Pin      | Normal  | 13.65mm | 18.7mm | 5.35mm  | G/F, 15u, 30u |
|   | G0912X2301LF   | Right Angle         | Pin      | Reverse | 13.65mm | 18.7mm | 5.35mm  | G/F, 15u, 30u |
|  | G0913X1301WEU  | Vertical            | SMT      | Normal  | 10.85mm | 18.4mm | 4.7mm   | G/F, 15u, 30u |
|  | G0913X2301AWEU | Vertical            | Pin      | Normal  | 10.85mm | 18.4mm | 4.7mm   | G/F, 15u, 30u |
|  | G0916X21XQAEU  | Upright             | Pin      | Normal  | 19.92mm | 6.6mm  | 17.6mm  | G/F, 15u, 30u |
|  | G0925X2311AEU  | Stack               | Pin      | Normal  | 20.2mm  | 17.3mm | 16.95mm | G/F, 15u, 30u |
|  | G0927923010ZR  | USB / eSATA / Stack | Pin      | Normal  | 15.7mm  | 19.82  | 16.9mm  | 5u            |

\* The tooling can be modified to different kind of extension products.

\* Please visit [amphenolcanada.com](http://amphenolcanada.com) to find drawings for other products in this series.