



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

email: 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. ΔR = 15 mΩ Max.
Dielectric Withstanding Voltage	500V AC

Environmental Specifications	
Salt Spray	48Hr.
Thermal Shock	Contact Resistance: 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 to find drawings for other products in this series.