



High-Speed



Card Edge



P= 0.8mm

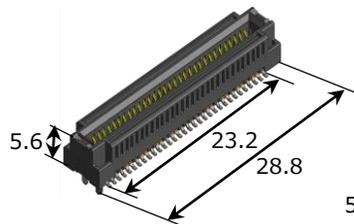


Features

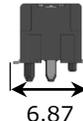
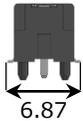
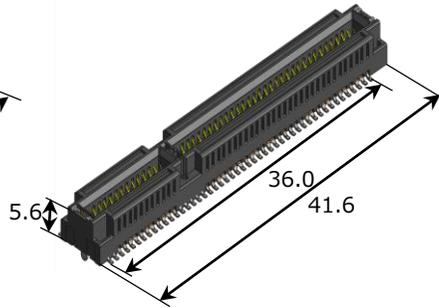
- 1 Molex "SpeedEdge" Licensed Second Source
- 2 25+Gbps per differential pair (Supports PCIe Gen.4)
- 3 Impedance design suitable for both 85Ω and 100Ω systems (92Ω Impedance Target)
- 4 0.8mm Pitch High Density Mounting

Dimensions

60pos. :
IT12M1-60S-0.8SV



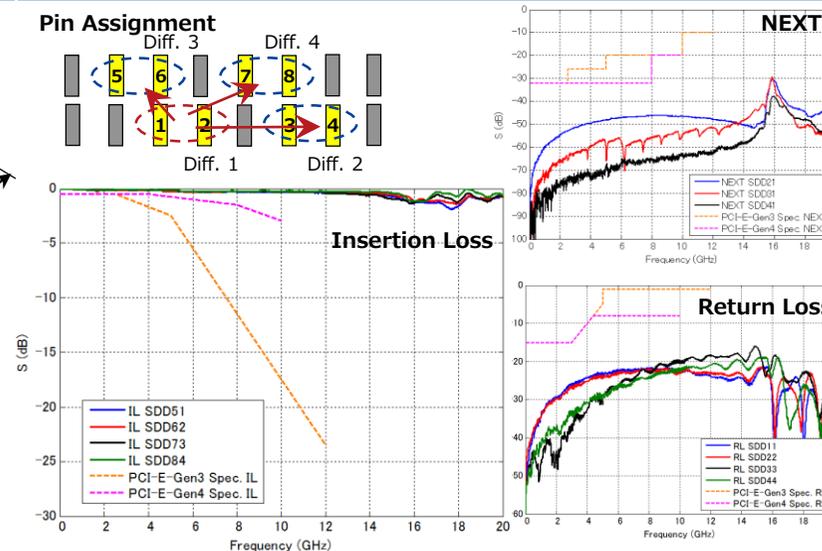
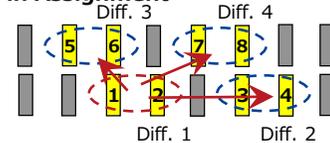
82pos. :
IT12M1-82S-0.8SV



(mm)

SI Performance

Pin Assignment



Specifications

Rated Current	1A
Rated Voltage	29.9V AC/DC
Operating Temperature	-40 to +65°C
Contact Resistance*	20mΩ Max.
Withstanding Voltage	500V AC for 1 min.
Insulation Resistance	1000MΩ Min. (100V DC)
Mating Durability	25 times
Impedance	92Ω

*Includes conductor resistance.

- Halogen-free product (900ppm maximum chlorine, 900ppm maximum bromine, and 1,500ppm maximum total of chlorine and bromine.)
- Cross mates with Molex's SpeedEdge.
- No. of Pos. : 60, 82