



High-Speed



Card Edge



P= 0.8mm

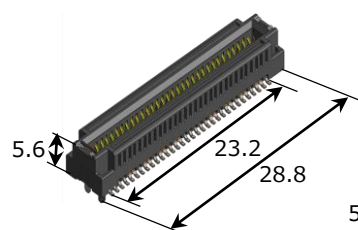


Features

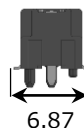
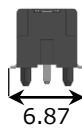
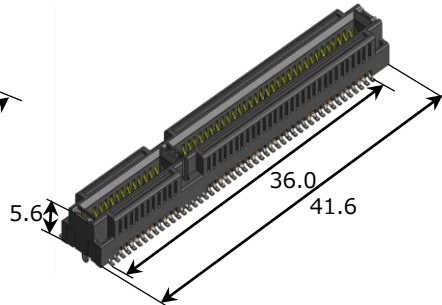
- 1 Molex "SpeedEdge" Licensed Second Source
- 2 25+Gbps per differential pair (Supports PCIe Gen.4)
- 3 Impedance design suitable for both 85Ω and 100Ω systems (92Ω Impedance Target)
- 4 0.8mm Pitch High Density Mounting

Dimensions

60pos. :
IT12M1-60S-0.8SV



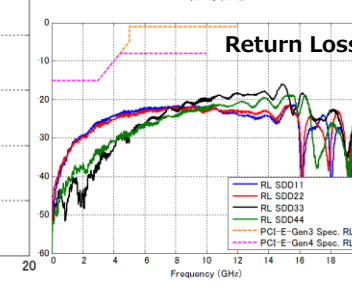
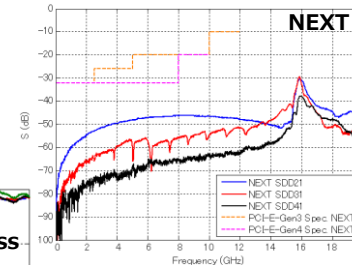
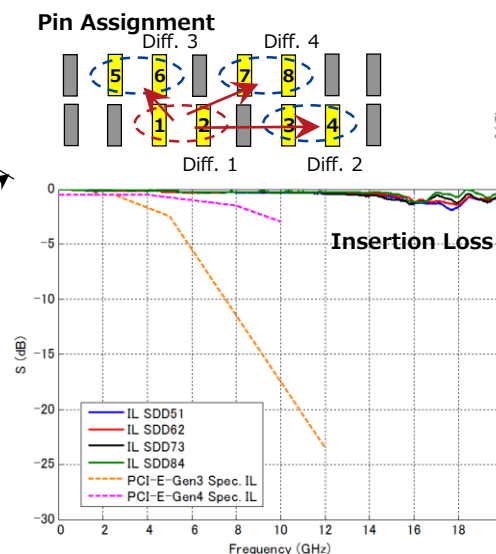
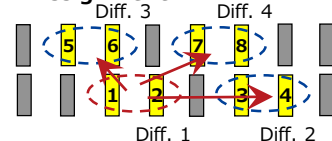
82pos. :
IT12M1-82S-0.8SV



(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