

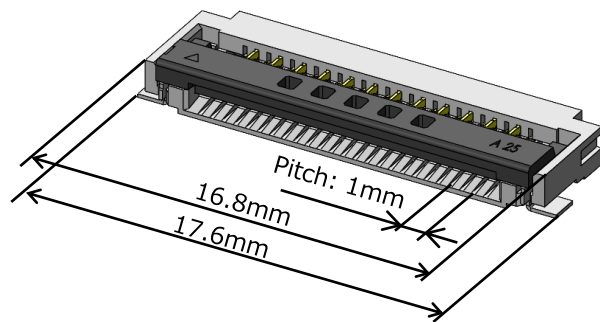
Features

- 1 Guaranteed CIC (Carbon Inked Circuit) connection with a unique contact design that prevents carbon paste damage and ensures reliability.
- 2 Meets strict automotive standards.
- 3 Robust lock structure with unique contact design
- 4 Increased CIC retention force with tabs
- 5 L-shaped tabs for easy visual inspection and improved PCB retention.
- 6 Connector design allows PCB patterning underneath.
- 7 Suitable for automated assembly.



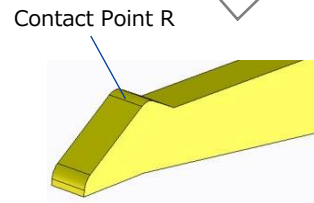
Dimensions

1mm Pitch, 12pos.
CIC Thickness=0.3±0.05mm
Bottom Contact

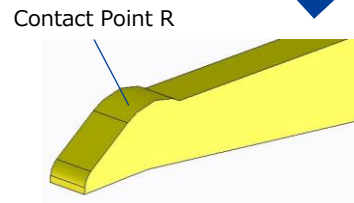


CIC Contact Point Shape

For FPC/FFC Contact Point R is Small, and Pressure is Large*



For CIC Contact Point R is Large, and Pressure is Small.



By increasing the R of the contact part, the carbon paste of the CIC is hard to be scraped and pattern scraping is prevented.

Specifications

Rated Current	3mA
Rated Voltage	50V AC/DC
Operating Temperature	-40 to +105°C
Contact Resistance	Initial: 50Ω Max., After Testing : 70Ω Max.
Withstanding Voltage	150V AC for 1 min.
Insulation Resistance	500MΩ Min. (100V DC)
Mating Durability	5 times

*FPC/FFC is made of copper material and there is no need to worry about scraping.