

# Board-to-FPC Connectors

## CF1 / CF2 series

**Panasonic**  
INDUSTRY



### Direct connection without relay wire harnessing set

There is no smarter and robust way to connect a PCB with a FPC (Flexible Printed Circuit): only two parts, a plug and a receptacle, are sufficient for a reliable, vibration resistant high power connection. This simplifies engineering and assembling with surface mounted technology (SMT). Additionally, the flat construction allows new designs especially in lighting solutions as well for battery pack connection. CF1 offers 4-10 pins in one row, CF2 20 pins in two rows. Other configurations are available on request.

## Key Features

- For Automotive Applications, 125 °C heat resistance
- „Anti-misoperation bridge structure“ prevents unintended operation of mating lock
- Contact reliability is preserved by double-sided contact structure
- Inertia lock construction prevents half-mating
- Weight and process cost reduction



### Automotive Battery

- Battery management systems (BMS)



### Automotive Lighting

- Daytime running lights (DLR)
- Rear lamp



### Industrial

- Energy storage systems (ESS)
- Charging station
- Lighting



For further Information, please contact [info@eu.panasonic.com](mailto:info@eu.panasonic.com)