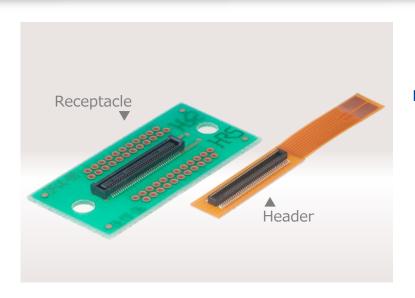
# 125℃ Heat Resistance, Board to FPC Connector for Automotive





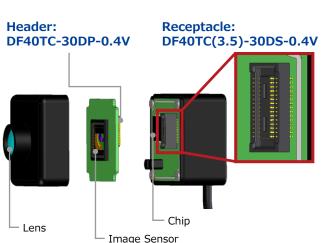




Features

- 1 125℃ heat resistance for automotive specifications
- 2 **0.4mm pitch, 3.38mm depth, small FPC to board connector**
- 3 Wide position and height varieties
- 4 PCI Express 4.0 (16Gbps) compliant
- 5 Optimized contact design and material for high heat resistance

# Board-to-Board connection in Automotive Camera



## 125℃ Heat Resistant Contact



#### Heat resistant/temperature cycle test result

125°C / 2000h

 $\begin{array}{c|c} & [m\Omega] \\ \hline & Initial & After test \\ AVG & 18.67 & 20.82 \\ \end{array}$ 

| <u>-၁၁</u> | ιο | 125°C | <u>/ 20</u> | UU | cycle |
|------------|----|-------|-------------|----|-------|
|            |    |       |             |    | [m    |
|            |    |       |             |    |       |

Initial After test
AVG 17.67 17.30

### **Specifications**

| Rated Current            | 0.3A                              |  |  |
|--------------------------|-----------------------------------|--|--|
| Rated Voltage            | 30V AC                            |  |  |
| Operating<br>Temperature | -55 to +125°C*                    |  |  |
| Contact<br>Resistance    | 90mΩ Max.<br>(100mA DC or 1000Hz) |  |  |
| Withstanding<br>Voltage  | 100V AC for 1 min.                |  |  |
| Insulation<br>Resistance | 50MΩ Min. (100V DC)               |  |  |

\* Include the temperature rising by current flow.