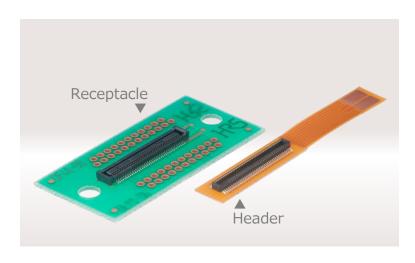
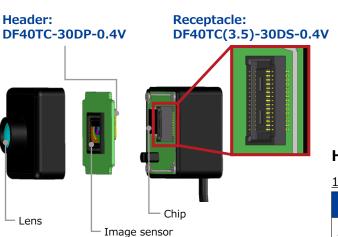
## **DF40T Series**



### **Features**

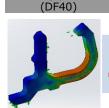
- 1 125℃ heat resistance for automotive specifications
- 2 **0.4mm pitch, 3.38mm depth, small FPC to board connector**
- 3 Wide position and height varieties
- 4 PCI Express 4.0 (16Gbps) compliant
- 5 Optimized contact design and material for high heat resistance

#### **Board to Board connection in** automotive camera



# 125℃ heat resistant contact Existing product

125℃ Heat Resistance, Board to FPC Connector for Automotive





### Heat resistant/temperature cycle test result

125°C/2000h		$[m\Omega] = \frac{-55 \sim 125 \text{ C}/2000 \text{ cycle}}{125 \text{ C}/2000 \text{ cycle}}$			
	Initial	After test		Initial	After test
AVG	18.67	20.82	AVG	17.67	17.30

### **Specifications**

Rated current	0.3A	
Rated voltage	30V AC	
Operating temperature	-55 to +125°C*	
Contact resistance	90mΩ Max. (100mA DC or 1000Hz)	
Withstanding voltage	100V AC for 1 minute	
Insulation resistance	50MΩ min. (100V DC)	

<sup>\*</sup> Include the temperature rising by current flow.

