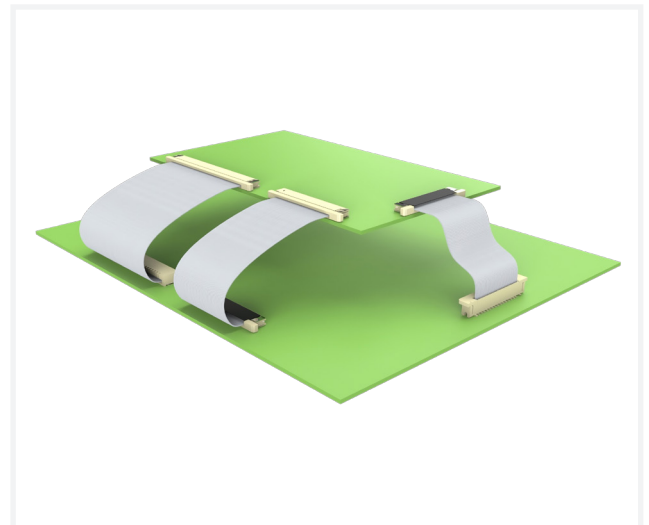


## 0.50mm Pitch Flex – FF3025 series

### FLAT FLEXIBLE CABLE (FFC) JUMPERS

FF3025 series are 0.50mm pitch FFC jumpers and are available in a wide range of standard cable lengths to accommodate a wide range of flexible interconnect requirements between two PC boards. Type S (same-side) and Type O (opposite-side) contact layouts allow for mirrored contacts in the top-and-bottom-mount. These are ideal for automotive, data, industrial, and medical applications.

- Easy to operate
- Available in numerous circuit sizes (4 to 60)
- Type S (same-side) and Type O (opposite-side)
- PET Insulation
- Wide operating temperature range of  $-40^{\circ}\text{C}$  to  $+125^{\circ}\text{C}$



#### TARGET MARKETS



### FEATURES

- Easy to operate
- Available in numerous circuit sizes (4 to 60)
- Type S (same-side) and Type O (opposite-side)
- PET Insulation
- Wide operating temperature range of  $-40^{\circ}\text{C}$  to  $+125^{\circ}\text{C}$

### BENEFITS

- Ideal for electrical connections between PCBs, display boards, etc.
- Comprehensive range to satisfy different customer requirements
- Allow for mirrored contacts in top- and bottom-mount applications
- Meets environmental, health and safety requirement
- Meets industry-standard requirements

## TECHNICAL INFORMATION

### MATERIAL

- Insulation: PET, White color, 65µm
- Supporting Tape: PET, Blue color, 218µm
- Conductor: Tin plated Copper, Sn(1µm) min.

### MECHANICAL PERFORMANCE

- Abrasion Test: 10000 times min.
- Adhesive Force Between Conductor and Insulator: 20gf/ Pin min.
- Bending Test: 20 times min.
- Durability: 10 times

### ELECTRICAL PERFORMANCE

- Voltage Rating: 60VAC/VDC
- Current Rating: 1.0A
- Contact Resistance: 2.2Ω/M max.
- Insulation Resistance: 500MΩ min.
- Dielectric Withstanding Voltage: No short or breakdown after AC 500V, 1mA, 1min.

### APPROVALS AND CERTIFICATIONS

- FLAME CLASS: UL758 VW-1
- RoHS compliant

### ENVIRONMENTAL

- Operating Temperature Range: -40°C to +125°C

### SPECIFICATION

- Aorora Product Specification: IS.EQC.211

### PACKAGING

- Bag

### TARGET MARKETS/APPLICATIONS



Car Multimedia  
Car Navigation  
Dashboard  
PND



Base Station  
Power  
Switches



Notebook  
Tablets  
Wearables  
Gaming  
DSC  
LCD & PDP TV



Router  
Server  
ODD  
HDD



Sensing Element  
Monitoring Camera  
Human Machine Interface  
Industrial PC  
Robotics



Ultrasonic  
Patient Monitor  
MRI  
CT  
Infusion Pump

## PART NUMBER SELECTOR

