

# KAB-DF59-02P-2C-0500LI



LED-Backlight cable

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## 1. Functional description

The connector series DF59 from Hirose is among others applicable for LED and OLED lighting technology as well as for LED modules and touch panels. The circuits AWG22 (Ø 1.26 mm/UL1061) are 2 to 4-pin.

Multifunctionally serviceable for wire to board, board to board and additionally for short pin applications.

As to wire to board applications a catch mechanism commonly known as “swing lock” is operated.

As to board to board applications a catch mechanism known as “friction lock” is operated. This allows a higher triaxial flexibility (X,Y and Z axis).

The connector serves as terminating plug when operated as “short pin”. In this case only one type of female connector is necessary. Thus the number of operated components can be reduced.

Technical data:

- 2 mm grid dimension
- 2 – 4-pin
- AWG22, Ø 1.26 mm
- UL1061
- 3-way connector (W to B) and short pin
- operating temperature up to max. 105°C
- 3 A
- RoHS compliant

Article description: DF59-2P-2C, DF59-3P-2C, DF59-4P-2C

Matching crimp contact: DF59-22PCFA

More matching cable with different pins: KAB-DF59-03P-2C-0500LI, KAB-DF59-04P-2C-0500LI

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## 2. Pictures



## 3. Dimension

Size: 500.0 (l) (in mm)

## 4. Temperature ranges

Operating temperature: -20°C to 105°C

Storage temperature: -20°C to 105°C

## 5. Weight

Weight without packaging: 1.5 g

Weight with packaging: 1.9 g

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