# Data sheet
## FT085xxVBFC Type 026



**P/N**
**31026103xx**
**xx=number of poles**
2026/11/12
Version: B

### Product specification

- female connector, solderable, double solder pins
- centerline 5.00 mm, direction of connection vertical 0°
- fittable without loss of poles
- color black
- board-to-board connection with headers centerline 5.00 mm / 0.197 inches possible

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## Technical Data

| | | | |
|---|---|---|---|
| **General Data** | | | |
| Solder pin length | 3.2 mm | | |
| pole size | 3 | | |
| Insulating material class | CTI 600 | | |
| clearance/creepage dist. | 4 mm | | |
| Protection category | IP20 | | |
| Insul. strip length | 12 mm | | |
| Rated current | 5 A | | |
| Overvoltage category | III | III | II |
| Pollution degree | 3 | 2 | 2 |
| Rated voltage | 320 V | 800 V | 800 V |
| Rated test voltage | 6 kV | 6 kV | 6 kV |
| **Approvals** | | | |
| SEV | 250 V / 4 kV / 6 A | | |
| **Material** | | | |
| insulating material | PA66 | | |
| flammability class | V0 | | |
| contact material | CuSn | | |
| Contact surface | Sn | | |
| Glow-Wire Flammability GWFI | 960 °C acc. to IEC 60695-2-12 | | |
| Glow-Wire Flammability GWIT | 775 °C acc. to IEC 60695-2-13 | | |
| **Climatic Data** | | | |
| upper limit temperature | 105 °C | | |
| lower limit temperature | -40 °C | | |
| **general** | | | |
| Tolerance | ISO 2768 -mH | | |
| Solderability | Acc. to JEDEC JESD22-B102E 245°C/5s | | |

### Application note

This product is a standard product of METZ CONNECT. METZ CONNECT is not aware of the specific intended use of the goods by the Customer or any customers of the Customer. The Customer guarantees that it has fully and sufficiently tested the use of the goods and any product modifications, product changes or product enhancements with regard to the specific intended use in accordance with the state of the art or in any other way.

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