

Datasheet

Item No. 25.840.0853.0

PCB connector 8213 BFK / 8 TOP

PCB female connector, pitch 5,08 mm, wire lead in line with connecting direction, spring connection, 8-pole, colour grey, with marking, series: 8213 BFK/8



| | |
|------------|---------------|
| Item No. | 25.840.0853.0 |
| EAN | 4015573562486 |
| order unit | 50 Piece(s) |

Approvals



Technical data

General

| | |
|------------------------------------|--------------------------|
| Modular spacing | 5.08 mm |
| Connection type | Tension clamp connection |
| Number of poles | 8 |
| Marking | Yes |
| Fastening | None |
| Mating direction towards connector | 180° |

Technical data

| | |
|--------------------------|---------------------|
| Nominal cross section | 2.5 mm ² |
| Rated current | 12 A |
| Overtoltage Category I | 1000 V |
| Overtoltage Category II | 400 V |
| Overtoltage Category III | 250 V |
| Rated impulse voltage | 4 kV |

Connection Data

| | |
|-------------------------------------|----------------------|
| Wire strip length | 11 mm |
| Minimum cross section solid | 0.14 mm ² |
| Maximum cross section solid | 2.5 mm ² |
| Minimum cross section fine stranded | 0.14 mm ² |



| | |
|-------------------------------------|---------------------|
| Maximum cross section fine stranded | 2.5 mm ² |
|-------------------------------------|---------------------|

| Technical Data UL/CSA | |
|------------------------|-----------|
| Cross section UL | 22-12 AWG |
| Voltage UL | 300 |
| Current field wiring | 12 A |
| Current factory wiring | 12 A |
| Cross section CSA | 22-16 AWG |
| Voltage CSA | 300 V |
| Current CSA | 12 A |

| Other | |
|-----------------------------|---------------|
| Type of insulation material | Thermoplastic |
| Colour | Grey |
| Height | 15 mm |
| Length | 40.64 mm |
| Depth | 24.3 mm |
| Material attachment screw | None |
| Material contact base | Steel |
| Material contact surface | Sn |

Drawings

Best. Ausführung mit 14.5 mm (0.5708 in) Länge
 mit 14.5 mm (0.5708 in) Länge
 mit 14.5 mm (0.5708 in) Länge

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Ansicht "X"
view "X"

gezeichnete Ausführung: 6-polig
drawn version: 6-poles

| Teile - Nr. part - no. | Polzahl pole | (L) | l ₁ | l ₂ | Typ type |
|---------------------------|-----------------|--------|----------------|----------------|-------------------|
| 25.840.0253.F | 2 | 10,16 | 5,08 | - | 8213 BFK/2 TOP K |
| 25.840.0353.F | 3 | 15,24 | 10,16 | 6,58 | 8213 BFK/3 TOP K |
| 25.840.0453.F | 4 | 20,32 | 15,24 | 11,66 | 8213 BFK/4 TOP K |
| 25.840.0553.F | 5 | 25,40 | 20,32 | 16,74 | 8213 BFK/5 TOP K |
| 25.840.0653.F | 6 | 30,48 | 25,40 | 21,82 | 8213 BFK/6 TOP K |
| 25.840.0753.F | 7 | 35,56 | 30,48 | 26,90 | 8213 BFK/7 TOP K |
| 25.840.0853.F | 8 | 40,64 | 35,56 | 31,98 | 8213 BFK/8 TOP K |
| 25.840.0953.F | 9 | 45,72 | 40,64 | 37,06 | 8213 BFK/9 TOP K |
| 25.840.1053.F | 10 | 50,80 | 45,72 | 42,14 | 8213 BFK/10 TOP K |
| 25.840.1153.F | 11 | 55,88 | 50,80 | 47,22 | 8213 BFK/11 TOP K |
| 25.840.1253.F | 12 | 60,96 | 55,88 | 52,30 | 8213 BFK/12 TOP K |
| 25.840.1353.F | 13 | 66,04 | 60,96 | 57,38 | 8213 BFK/13 TOP K |
| 25.840.1453.F | 14 | 71,12 | 66,04 | 62,46 | 8213 BFK/14 TOP K |
| 25.840.1553.F | 15 | 76,20 | 71,12 | 67,54 | 8213 BFK/15 TOP K |
| 25.840.1653.F | 16 | 81,28 | 76,20 | 72,62 | 8213 BFK/16 TOP K |
| 25.840.1753.F | 17 | 86,36 | 81,28 | 77,70 | 8213 BFK/17 TOP K |
| 25.840.1853.F | 18 | 91,44 | 86,36 | 82,78 | 8213 BFK/18 TOP K |
| 25.840.1953.F | 19 | 96,52 | 91,44 | 87,86 | 8213 BFK/19 TOP K |
| 25.840.2053.F | 20 | 101,60 | 96,52 | 92,94 | 8213 BFK/20 TOP K |
| 25.840.2153.F | 21 | 106,68 | 101,60 | 98,02 | 8213 BFK/21 TOP K |
| 25.840.2253.F | 22 | 111,76 | 106,68 | 103,10 | 8213 BFK/22 TOP K |
| 25.840.2353.F | 23 | 116,84 | 111,76 | 108,18 | 8213 BFK/23 TOP K |
| 25.840.2453.F | 24 | 121,92 | 116,84 | 113,26 | 8213 BFK/24 TOP K |

Weitere Daten siehe Katalog
further data see catalog

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| Konformität nach DIN 26177/UL94V-0 system etc. to DIN 7107. (This DIN-Standard describes the envelope principle. According to the envelope principle the deviations of form and parallelism are limited by the size tolerances.) | | 10/95/05: Schaltstroms- und Überlaststroms nach IEC 247-4/UL10511 ist einzuhalten. Conforms with Wieland document 00-100-05/10 (List of prohibited / acceptable hazardous substances) to be declared! | |
| First tolerance mark General tolerance | | CAD - Zeichnung, keine manuellen Änderungen CAD - drawing, no manual modifications allowed | |
| 2008 25.840.0253.F 25.840.0253.F 25.840.0253.F 25.840.0253.F | | 2008 25.840.0253.F 25.840.0253.F 25.840.0253.F 25.840.0253.F | |
| Farbe: colour: | | Werkstoff/Material: Material/Steel: | |
| grau/grey Bedruckung: schwarz printing: black | | 2:1 mit 011/Sut. mit 011/Sut./Sut. | |
| grün/green Bedruckung: schwarz printing: black | | mit 011/Sut. mit 011/Sut./Sut. | |
| Änderung/Revision | | Type Screening/Title | |
| 00-PEH-06/91 | | PCB terminal LP_STECKKLEMME mit Federkraftschluß, Rastermaß 5,08mm with spring clamp connection, pitch 5,08mm | |

