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## Printed-circuit board connector - MC 1,5/ 2-STF-3,5 BK - 1714977

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Plug component, Nominal current: 8 A, Number of positions: 2, Pitch: 3.5 mm, Connection method: Screw connection, Color: Black, Contact surface: Tin

### Key commercial data

|                        |   |
|------------------------|---|
| Packing unit           | 1 PCE   |
| Minimum order quantity | 500 PCE   |
| GTIN                   | <br>4 046356 099592 |
| Custom tariff number   | 85366990  |
| Country of origin      | GERMANY   |

### Technical data

#### Dimensions / positions

|                     |        |
|---------------------|--------|
| Pitch               | 3.5 mm |
| Dimension a         | 3.5 mm |
| Number of positions | 2      |

#### Technical data

|                                     |                     |
|-------------------------------------|---------------------|
| Range of articles                   | MC 1,5/...STF       |
| Connection in acc. with standard    | EN-VDE              |
| Nominal current $I_N$               | 8 A                 |
| Nominal voltage $U_N$               | 160 V               |
| Nominal cross section               | 1.5 mm <sup>2</sup> |
| Nominal voltage, UL/CUL Use Group B | 300 V               |
| Nominal current, UL/CUL Use Group B | 8 A                 |
| Nominal voltage, UL/CUL Use Group D | 300 V               |
| Nominal current, UL/CUL Use Group D | 8 A                 |

#### Connection data

|  |                      |
|--|----------------------|
| Conductor cross section solid min.   | 0.14 mm <sup>2</sup> |
| Conductor cross section solid max.   | 1.5 mm <sup>2</sup>  |
| Conductor cross section stranded min.                                      | 0.14 mm <sup>2</sup> |
| Conductor cross section stranded max.                                      | 1.5 mm <sup>2</sup>  |
| Conductor cross section stranded, with ferrule without plastic sleeve min. | 0.25 mm <sup>2</sup> |
| Conductor cross section stranded, with ferrule without plastic sleeve max. | 1.5 mm <sup>2</sup>  |

# Printed-circuit board connector - MC 1,5/ 2-STF-3,5 BK - 1714977

## Technical data

### Connection data

|   |                      |
|---|----------------------|
| Conductor cross section stranded, with ferrule with plastic sleeve min.                 | 0.25 mm <sup>2</sup> |
| Conductor cross section stranded, with ferrule with plastic sleeve max.                 | 0.5 mm <sup>2</sup>  |
| Conductor cross section AWG/kcmil min.  | 28                   |
| Conductor cross section AWG/kcmil max   | 16                   |
| 2 conductors with same cross section, solid min.  | 0.08 mm <sup>2</sup> |
| 2 conductors with same cross section, solid max.  | 0.5 mm <sup>2</sup>  |
| 2 conductors with same cross section, stranded min.                                     | 0.08 mm <sup>2</sup> |
| 2 conductors with same cross section, stranded max.                                     | 0.75 mm <sup>2</sup> |
| 2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.   | 0.25 mm <sup>2</sup> |
| 2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.   | 0.34 mm <sup>2</sup> |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min. | 0.5 mm <sup>2</sup>  |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max. | 0.5 mm <sup>2</sup>  |
| Minimum AWG according to UL/CUL   | 30                   |
| Maximum AWG according to UL/CUL   | 14                   |

## Classifications

### ETIM

|          |          |
|----------|----------|
| ETIM 3.0 | EC001121 |
| ETIM 4.0 | EC002638 |
| ETIM 5.0 | EC002638 |

### UNSPSC

|               |          |
|---------------|----------|
| UNSPSC 11     | 39121409 |
| UNSPSC 12.01  | 39121409 |
| UNSPSC 13.2   | 39121409 |
| UNSPSC 6.01   | 30211810 |
| UNSPSC 7.0901 | 39121409 |

### eCl@ss

|            |          |
|------------|----------|
| eCl@ss 4.0 | 272607xx |
| eCl@ss 4.1 | 27260701 |
| eCl@ss 5.0 | 27260701 |
| eCl@ss 5.1 | 27260701 |
| eCl@ss 6.0 | 27260704 |

# Printed-circuit board connector - MC 1,5/ 2-STF-3,5 BK - 1714977

## Classifications

eCl@ss

|            |          |
|------------|----------|
| eCl@ss 7.0 | 27440402 |
|------------|----------|

## Approvals

Approvals

Approvals

UL Recognized / cUL Recognized / GOST / VDE Gutachten mit Fertigungsüberwachung / IECCE CB Scheme / GOST / cULus Recognized

Ex Approvals

Approvals submitted

## Approval details


|                                |       |       |
|--------------------------------|-------|-------|
| UL Recognized                  |       |       |
|                                | B     | D     |
| mm <sup>2</sup> /AWG/kcmil     | 30-14 | 30-14 |
| Nominal current I <sub>N</sub> | 8 A   | 8 A   |
| Nominal voltage U <sub>N</sub> | 300 V | 300 V |


|                                |       |       |
|--------------------------------|-------|-------|
| cUL Recognized                 |       |       |
|                                | B     | D     |
| mm <sup>2</sup> /AWG/kcmil     | 30-14 | 30-14 |
| Nominal current I <sub>N</sub> | 8 A   | 8 A   |
| Nominal voltage U <sub>N</sub> | 300 V | 300 V |


|      |  |
|------|--|
| GOST |  |
|------|--|


## Printed-circuit board connector - MC 1,5/ 2-STF-3,5 BK - 1714977

### Approvals

|   |         |
|---|---------|
| VDE Gutachten mit Fertigungsüberwachung  |         |
| mm <sup>2</sup> /AWG/kcmil  | 0.2-1.5 |
| Nominal current I <sub>N</sub>  | 8 A     |
| Nominal voltage U <sub>N</sub>  | 160 V   |

|   |         |
|---|---------|
| IECEE CB Scheme  |         |
| mm <sup>2</sup> /AWG/kcmil  | 0.2-1.5 |
| Nominal current I <sub>N</sub>  | 8 A     |
| Nominal voltage U <sub>N</sub>  | 160 V   |

|  |  |
|--|--|
| GOST  |  |
|--|--|

|  |  |
|--|--|
| cULus Recognized  |  |
|--|--|