

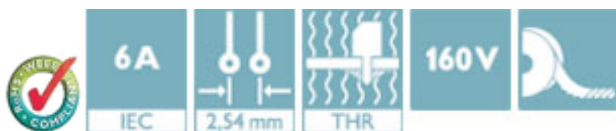
# Printed-circuit board connector - MC 0,5/ 3-G-2,54 SMD R24 - 1821708

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Header, Nominal current: 6 A, Rated voltage (III/2): 160 V, Number of positions: 3, Pitch: 2.54 mm, Color: black, Contact surface: Gold, Mounting: SMD soldering, Sample values available under SAMPLE MC...



The illustration shows the 10-position version



## Key Commercial Data

|                                      |                                                                                                         |
|--------------------------------------|---------------------------------------------------------------------------------------------------------|
| Packing unit                         | 465 pc                                                                                                  |
| Minimum order quantity               | 465 pc                                                                                                  |
| GTIN                                 | <br>4 046356 789868 |
| Weight per Piece (excluding packing) | 1.44 g                                                                                                  |
| Custom tariff number                 | 85366990                                                                                                |
| Country of origin                    | Germany                                                                                                 |
| Note                                 | Made to Order (non-returnable)                                                                          |

## Technical data

### Dimensions

|                |                |
|----------------|----------------|
| Length         | 7.1 mm         |
| Pitch          | 2.54 mm        |
| Dimension a    | 5.08 mm        |
| Width          | 12.16 mm       |
| Height         | 4.8 mm         |
| Pin dimensions | 0,64 x 0,64 mm |

### General

|                             |                  |
|-----------------------------|------------------|
| Range of articles           | MC 0,5/...-G-SMD |
| Insulating material group   | IIIa             |
| Rated surge voltage (III/3) | 2.5 kV           |
| Rated surge voltage (III/2) | 2.5 kV           |
| Rated surge voltage (II/2)  | 2.5 kV           |

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## Technical data

### General

|                                        |        |
|----------------------------------------|--------|
| Rated voltage (III/3)                  | 32 V   |
| Rated voltage (III/2)                  | 160 V  |
| Rated voltage (II/2)                   | 160 V  |
| Connection in acc. with standard       | EN-VDE |
| Nominal current I <sub>N</sub>         | 6 A    |
| Insulating material                    | LCP    |
| Flammability rating according to UL 94 | V0     |
| Color                                  | black  |
| Number of positions                    | 3      |

### Standards and Regulations

|                                        |        |
|----------------------------------------|--------|
| Connection in acc. with standard       | EN-VDE |
| Flammability rating according to UL 94 | V0     |

## Classifications

### 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 |
| eCl@ss 7.0 | 27440402 |
| eCl@ss 8.0 | 27440402 |
| eCl@ss 9.0 | 27440402 |

### ETIM

|          |          |
|----------|----------|
| ETIM 3.0 | EC001121 |
| ETIM 4.0 | EC002637 |
| ETIM 5.0 | EC002637 |

### UNSPSC

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

## Approvals

### Approvals

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## Approvals

### Approvals

cULus Recognized / VDE Gutachten mit Fertigungsüberwachung / IEC60320 CB Scheme

### Ex Approvals

### Approvals submitted

## Approval details

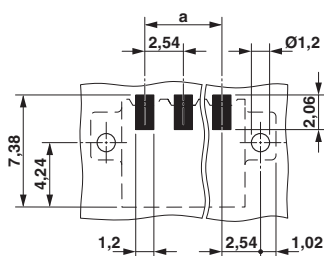
|                       |       |      |
|-----------------------|-------|------|
| cULus Recognized      |       |      |
|                       | B     | C    |
| Nominal current $I_N$ | 6 A   | 6 A  |
| Nominal voltage $U_N$ | 150 V | 50 V |

|                                         |       |
|-----------------------------------------|-------|
| VDE Gutachten mit Fertigungsüberwachung |       |
| Nominal current $I_N$                   | 6 A   |
| Nominal voltage $U_N$                   | 160 V |

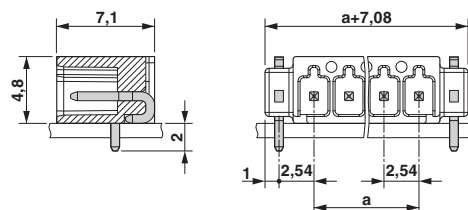
|                       |       |
|-----------------------|-------|
| IECEE CB Scheme       |       |
| Nominal current $I_N$ | 6 A   |
| Nominal voltage $U_N$ | 160 V |

## Drawings

Drilling diagram

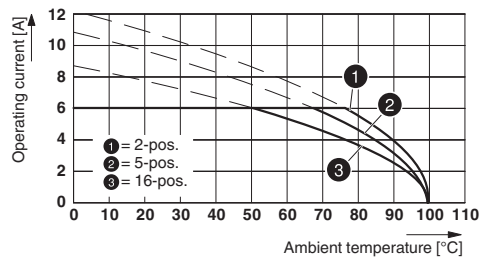


Dimensional drawing



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Diagram



Type: FMC 0,5/...-ST-2,54 with MC 0,5/...-G-2,54 SMD R..