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# Printed-circuit board connector - MC 0,5/10-G-2,54 P20 THR R44 - 1821326

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Header, Nominal current: 6 A, Rated voltage (III/2): 160 V, Number of positions: 10, Pitch: 2.54 mm, Color: black, Contact surface: Gold, Mounting: THR soldering, Sample values available under SAMPLE MC...



## Key Commercial Data

|                        |                     |
|------------------------|---------------------|
| Packing unit           | 465 STK             |
| Minimum order quantity | 465 STK             |
| GTIN                   | <br>4 046356 789486 |

## Technical data

### Dimensions

|                          |                |
|--------------------------|----------------|
| Length                   | 7.1 mm         |
| Pitch                    | 2.54 mm        |
| Dimension a              | 22.86 mm       |
| Width                    | 29.94 mm       |
| Height                   | 4.8 mm         |
| Length of the solder pin | 2 mm           |
| Pin dimensions           | 0,64 x 0,64 mm |
| Hole diameter            | 1.2 mm         |

### General

|                             |                  |
|-----------------------------|------------------|
| Range of articles           | MC 0,5/...-G-THR |
| 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           |
| Rated voltage (III/3)       | 32 V             |
| Rated voltage (III/2)       | 160 V            |

# Printed-circuit board connector - MC 0,5/10-G-2,54 P20 THR R44 - 1821326

## Technical data

### General

|  |        |
|--|--------|
| 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                    | 10     |

### 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

# Printed-circuit board connector - MC 0,5/10-G-2,54 P20 THR R44 - 1821326

## Approvals

### Approvals

cULus Recognized / VDE Gutachten mit Fertigungsüberwachung / IEC60320 CB Scheme

### Ex Approvals

### Approvals submitted

## Approval details

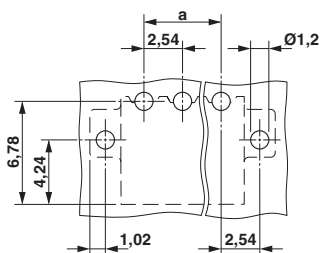
|                                |       |      |
|--------------------------------|-------|------|
| cULus Recognized               |       |      |
|                                | B     | C    |
| Nominal current I <sub>N</sub> | 6 A   | 6 A  |
| Nominal voltage U <sub>N</sub> | 150 V | 50 V |

|   |       |
|---|-------|
| VDE Gutachten mit Fertigungsüberwachung |       |
| Nominal current I <sub>N</sub>          | 6 A   |
| Nominal voltage U <sub>N</sub>          | 160 V |

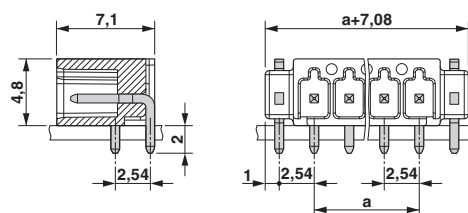
|                                |       |
|--------------------------------|-------|
| IECEE CB Scheme                |       |
| Nominal current I <sub>N</sub> | 6 A   |
| Nominal voltage U <sub>N</sub> | 160 V |

## Drawings

Drilling diagram

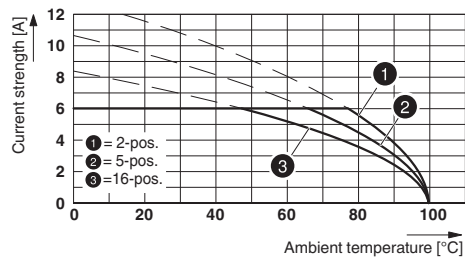


Dimensional drawing



## Printed-circuit board connector - MC 0,5/10-G-2,54 P20 THR R44 - 1821326

Diagram



Type: FMC 0,5/...-ST-2,54 with MC 0,5/...-G-2,54 P20 THR R..

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