



Automatización Eléctrica
Especialistas en Automatización

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Printed-circuit board connector - MCV 0,5/ 8-G-2,54 SMD R44 - 1821601

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Header, Nominal current: 6 A, Rated voltage (III/2): 160 V, Number of positions: 8, 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 | 315 STK |
| Minimum order quantity | 315 STK |
| GTIN | 4 046356 789769 |

Technical data

Dimensions

| | |
|----------------|----------------|
| Length | 4.8 mm |
| Pitch | 2.54 mm |
| Dimension a | 17.78 mm |
| Width | 24.86 mm |
| Height | 7.1 mm |
| Pin dimensions | 0,64 x 0,64 mm |

General

| | |
|----------------------------------|-------------------|
| Range of articles | MCV 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 |
| 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 |

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Technical data

General

| | |
|--|-------|
| Nominal current I _N | 6 A |
| Insulating material | LCP |
| Flammability rating according to UL 94 | V0 |
| Color | black |
| Number of positions | 8 |

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

Approvals

cULus Recognized / VDE Gutachten mit Fertigungsüberwachung / IEC60947-5-1 CB Scheme

Printed-circuit board connector - MCV 0,5/ 8-G-2,54 SMD R44 - 1821601

Approvals

Ex Approvals

Approvals submitted

Approval details

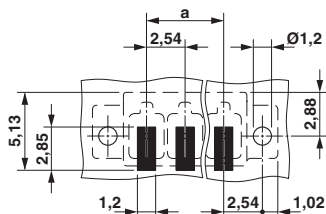
| | | |
|-----------------------|-------|------|
| cULus Recognized | | |
| | B | C |
| Nominal current I_N | 6 A | 6 A |
| Nominal voltage U_N | 150 V | 50 V |

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

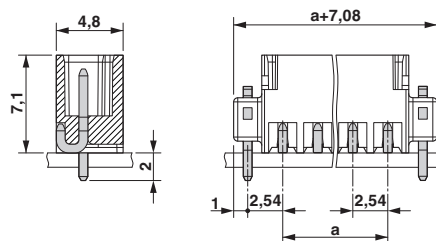
| | |
|-----------------------|-------|
| IECEE CB Scheme | |
| Nominal current I_N | 6 A |
| Nominal voltage U_N | 160 V |

Drawings

Drilling diagram

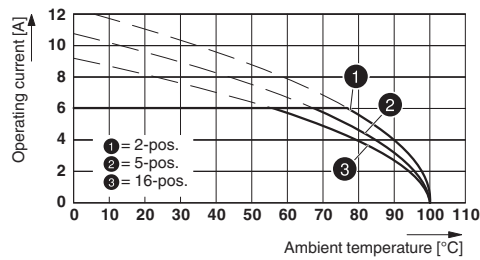


Dimensional drawing



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Diagram



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

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|---|---------|---------------------------|----------------------------|
| Header, Nominal current: 6 A, Rated voltage (III/2): 160 V, Number of positions: 8, Pitch: 2.54 mm, Color: black, Contact surface: Gold, Mounting: Taped SMD/THT/THR components, Sample values available under SAMPLE MC... | 1821601 | MCV 0,5/ 8-G-2,54 SMD R44 | Buy on EAN |