

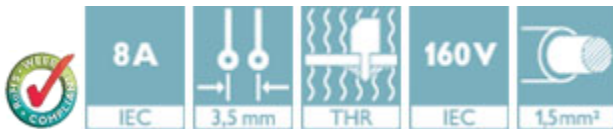
Printed-circuit board connector - DMC 1,5/ 7-G1F-3,5-LRP20THRR56 - 1818559

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Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 7, Pitch: 3.5 mm, Color: black, Contact surface: Tin, Mounting: THR soldering

The figure shows a 10-pos. version with 20 contacts



Key Commercial Data

| | |
|------------------------|----------|
| Packing unit | 1 pc |
| Minimum order quantity | 180 pc |
| Custom tariff number | 85366990 |
| Country of origin | Germany |

Technical data

Dimensions

| | |
|--------------------------|--------------|
| Length | 11.6 mm |
| Pitch | 3.50 mm |
| Dimension a | 21 mm |
| Constructional height | 10.8 mm |
| Height | 12.8 mm |
| Length of the solder pin | 2 mm |
| Pin dimensions | 0,8 x 0,8 mm |
| Pin spacing | 2.50 mm |
| Hole diameter | 1.4 mm |

General

| | |
|-------------------|--------------------|
| Range of articles | DMC 1,5/...G1F-THR |
|-------------------|--------------------|

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Technical data

General

| | |
|--|--------|
| 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) | 160 V |
| Rated voltage (III/2) | 160 V |
| Rated voltage (II/2) | 250 V |
| Connection in acc. with standard | EN-VDE |
| Nominal current I _N | 8 A |
| Maximum load current | 8 A |
| Insulating material | LCP |
| Flammability rating according to UL 94 | V0 |
| Color | black |
| Number of positions | 7 |

Standards and Regulations

| | |
|--|--------|
| Connection in acc. with standard | EN-VDE |
| | CUL |
| 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 |

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Classifications

UNSPSC

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

Approvals

Approvals


Approvals


VDE Gutachten mit Fertigungsüberwachung / IECCE CB Scheme / cULus Recognized / EAC

Ex Approvals

Approvals submitted

Approval details

| | |
|---|-------|
| VDE Gutachten mit Fertigungsüberwachung  | |
| Nominal current IN | 8 A |
| Nominal voltage UN | 160 V |

| | |
|---|-------|
| IECEE CB Scheme  | |
| Nominal current IN | 8 A |
| Nominal voltage UN | 160 V |

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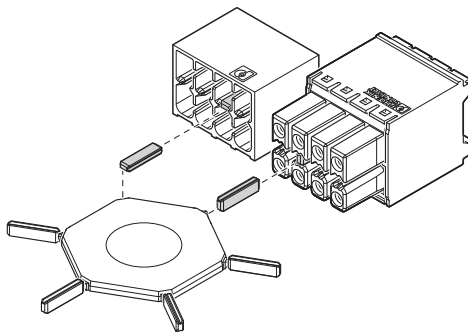
Approvals

| | | |
|--------------------------------|-------|------|
| cULus Recognized | | |
| | B | C |
| Nominal current I _N | 8 A | 8 A |
| Nominal voltage U _N | 150 V | 50 V |

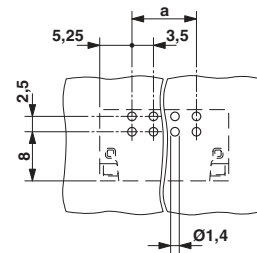
| |
|-----|
| EAC |
|-----|

Drawings

Schematic diagram

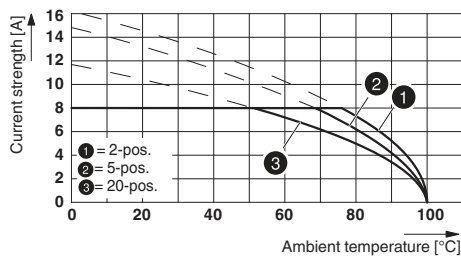


Drilling diagram

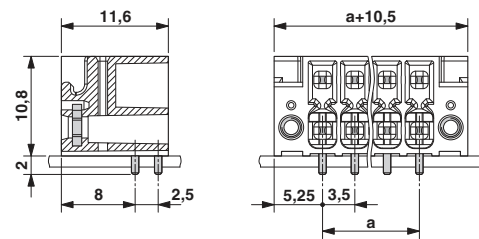


Use of the CP-DMC... coding profile

Diagram

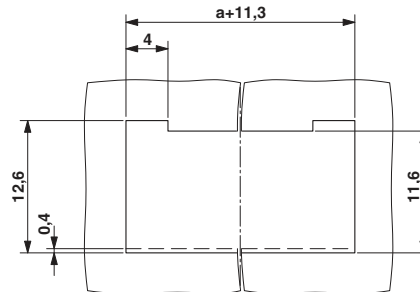


Dimensional drawing



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Schematic diagram



Panel cutout

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