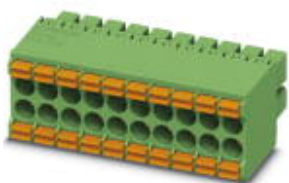


Printed-circuit board connector - DFMC 1,5/ 6-ST-3,5 BK - 1812555

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PCB connector, nominal current: 8 A, rated voltage (III/2): 160 V, number of positions: 6, pitch: 3.5 mm, connection method: Push-in spring connection, color: black, contact surface: Tin




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

Your advantages

- Time saving push-in connection, tools not required
- Defined contact force ensures that contact remains stable over the long term
- Intuitive use through colour coded actuation lever
- Optimized for tight installation situations: operation and conductor connection from one direction



Key Commercial Data

| | |
|------------------------|---|
| Packing unit | 50 pc |
| Minimum order quantity | 500 pc |
| GTIN |  4 046356 728553 |
| GTIN | 4046356728553 |

Technical data

Dimensions

| | |
|--------------|----------|
| Length [l] | 22.65 mm |
| Width [w] | 7.8 mm |
| Height [h] | 13.25 mm |
| Pitch | 3.5 mm |
| Dimension a | 17.5 mm |

General

| | |
|---------------------------|---------------------------|
| Range of articles | DFMC 1,5/..-ST |
| Number of positions | 6 |
| Connection method | Push-in spring connection |
| Insulating material group | I |

Printed-circuit board connector - DFMC 1,5/ 6-ST-3,5 BK - 1812555

Technical data

General

| | |
|--|---------------------|
| Rated voltage (III/3) | 160 V |
| Rated voltage (III/2) | 160 V |
| Connection in acc. with standard | EN-VDE |
| Nominal current I _N | 8 A |
| Nominal cross section | 1.5 mm ² |
| Insulating material | PA |
| Flammability rating according to UL 94 | V0 |

Connection data

| | |
|--|----------------------|
| Conductor cross section solid min. | 0.2 mm ² |
| Conductor cross section solid max. | 1.5 mm ² |
| Conductor cross section flexible min. | 0.2 mm ² |
| Conductor cross section flexible max. | 1.5 mm ² |
| Conductor cross section flexible, with ferrule without plastic sleeve min. | 0.25 mm ² |
| Conductor cross section flexible, with ferrule without plastic sleeve max. | 1.5 mm ² |
| Conductor cross section flexible, with ferrule with plastic sleeve min. | 0.14 mm ² |
| Conductor cross section flexible, with ferrule with plastic sleeve max. | 0.75 mm ² |
| Conductor cross section AWG min. | 24 |
| Conductor cross section AWG max. | 16 |
| Minimum AWG according to UL/CUL | 16 |
| Maximum AWG according to UL/CUL | 24 |

Specifications for ferrules

| | |
|--|--|
| Recommended crimping pliers | 1212034 CRIMPFOX 6 |
| Ferrules without insulating collar, according to DIN 46228-1 | Cross section: 0.25 mm ² ; Length: 5 mm ... 7 mm |
| | Cross section: 0.34 mm ² ; Length: 7 mm |
| | Cross section: 0.5 mm ² ; Length: 8 mm ... 10 mm |
| | Cross section: 0.75 mm ² ; Length: 8 mm ... 10 mm |
| | Cross section: 1 mm ² ; Length: 8 mm ... 10 mm |
| | Cross section: 1.5 mm ² ; Length: 10 mm |

Standards and Regulations

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

Environmental Product Compliance

| | |
|------------|---|
| China RoHS | Environmentally friendly use period: unlimited = EFUP-e |
| | No hazardous substances above threshold values |

Approvals

Approvals

Printed-circuit board connector - DFMC 1,5/ 6-ST-3,5 BK - 1812555


Approvals


Approvals

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


Ex Approvals

Approval details

| | | | |
|--------------------|---|---|-----------------|
| IECEE CB Scheme |  | http://www.iecee.org/ | DE1-60359_B1_B2 |
| Nominal voltage UN | | 160 V | |
| Nominal current IN | | 8 A | |

| | | | |
|---|---|---|----------|
| VDE Gutachten mit Fertigungsüberwachung |  | http://www2.vde.com/de/Institut/Online-Service/VDE-gepruefteProdukte/Seiten/Online-Suche.aspx | 40038423 |
| Nominal voltage UN | | 160 V | |
| Nominal current IN | | 8 A | |
| mm ² /AWG/kcmil | | 0.2-1.5 | |

| | | |
|-----|---|---------|
| EAC |  | B.01742 |
|-----|---|---------|

| | | | |
|----------------------------|---|---|-----------------|
| cULus Recognized |  | http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm | E60425-19920306 |
| | D | B | C |
| Nominal voltage UN | 300 V | 300 V | 50 V |
| Nominal current IN | 8 A | 8 A | 8 A |
| mm ² /AWG/kcmil | 24-16 | 24-16 | 24-16 |

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