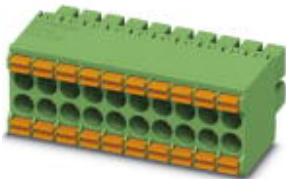


## Printed-circuit board connector - DFMC 1,5/15-ST-3,5 - 1790234

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Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 15, Pitch: 3.5 mm, Connection method: Spring-cage conn., Color: green, Contact surface: Tin



### Product Features

- ✓ Combination with very flat DMC headers
- ✓ Versions with and without screw flanges and Lock & Release levers
- ✓ Ultra-flat design height of 13.3 mm
- ✓ Conductor cross section of up to 1.5 mm²
- ✓ Fast conductor connection by means of Push-in direct plug-in technology
- ✓ Lock & Release levers lock the plug to the header and also serve as a release tool



### Key commercial data

|                      |                                                                                                         |
|----------------------|---------------------------------------------------------------------------------------------------------|
| Packing unit         | 1 PCE                                                                                                   |
| GTIN                 | <br>4 046356 594486 |
| Custom tariff number | 85366990                                                                                                |
| Country of origin    | GERMANY                                                                                                 |

### Technical data

#### Dimensions / positions

|                     |          |
|---------------------|----------|
| Length              | 22.65 mm |
| Height              | 13.25 mm |
| Pitch               | 3.5 mm   |
| Dimension a         | 49 mm    |
| Number of positions | 15       |

#### Technical data

|                   |                 |
|-------------------|-----------------|
| Range of articles | DFMC 1,5/...-ST |
|-------------------|-----------------|

# Printed-circuit board connector - DFMC 1,5/15-ST-3,5 - 1790234

## Technical data

### Technical data

|                                         |                     |
|-----------------------------------------|---------------------|
| Insulating material group               | I                   |
| 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/2)                   | 160 V               |
| Rated voltage (II/2)                    | 250 V               |
| Connection in acc. with standard        | EN-VDE              |
| Nominal current $I_N$                   | 8 A                 |
| Nominal voltage $U_N$                   | 160 V               |
| Nominal cross section                   | 1.5 mm <sup>2</sup> |
| Maximum load current                    | 8 A                 |
| Insulating material                     | PA                  |
| Inflammability class according to UL 94 | V0                  |
| Internal cylindrical gage               | A1                  |
| Stripping length                        | 10 mm               |
| Nominal voltage, UL/CUL Use Group B     | 150 V               |
| Nominal current, UL/CUL Use Group B     | 8 A                 |

### Connection data

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

## Classifications

### ETIM

|          |          |
|----------|----------|
| ETIM 4.0 | EC002638 |
| ETIM 5.0 | EC002638 |

## Printed-circuit board connector - DFMC 1,5/15-ST-3,5 - 1790234

### Classifications

#### UNSPSC

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

#### eCl@ss

|            |          |
|------------|----------|
| eCl@ss 4.0 | 272607xx |
| eCl@ss 4.1 | 27260701 |
| eCl@ss 5.0 | 27260701 |
| eCl@ss 5.1 | 27141190 |
| eCl@ss 6.0 | 27260704 |
| eCl@ss 7.0 | 27440402 |

### Approvals

#### Approvals

#### Approvals

UL Recognized / cUL Recognized / cULus Recognized

#### Ex Approvals

#### Approvals submitted

#### Approval details

| UL Recognized  |       |       |   |
|---------------------------------------------------------------------------------------------------|-------|-------|---|
|                                                                                                   |       | B     | C |
| mm²/AWG/kcmil                                                                                     | 16-24 | 16-24 |   |
| Nominal current I <sub>N</sub>                                                                    | 8 A   | 8 A   |   |
| Nominal voltage U <sub>N</sub>                                                                    | 150 V | 50 V  |   |

## Printed-circuit board connector - DFMC 1,5/15-ST-3,5 - 1790234

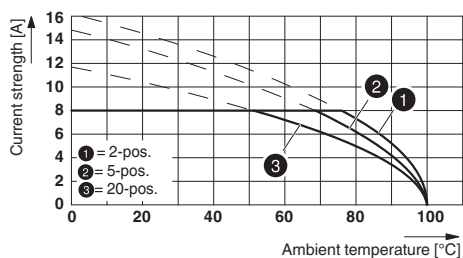
### Approvals

|                                                                                                  |       |       |   |
|--------------------------------------------------------------------------------------------------|-------|-------|---|
| cUL Recognized  |       |       |   |
|                                                                                                  |       | B     | C |
| mm <sup>2</sup> /AWG/kcmil                                                                       | 16-24 | 16-24 |   |
| Nominal current I <sub>N</sub>                                                                   | 8 A   | 8 A   |   |
| Nominal voltage U <sub>N</sub>                                                                   | 150 V | 50 V  |   |

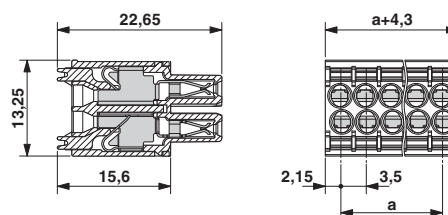
|                                                                                                       |  |  |  |
|-------------------------------------------------------------------------------------------------------|--|--|--|
| cULus Recognized  US |  |  |  |
|-------------------------------------------------------------------------------------------------------|--|--|--|

### Drawings

Diagram



Dimensioned drawing



Type: DFMC 1,5/...-ST-3,5 with DMC 1,5/...-G1-3,5 P20 THR