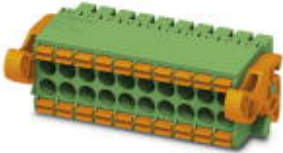


Printed-circuit board connector - DFMC 1,5/20-ST-3,5-LR - 1790661

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Plug, nominal current: 8 A, rated voltage (III/2): 160 V, number of positions: 20 with 40 contacts, pitch: 3.5 mm, connection method: spring-cage connection, color: green, contact surface: tin



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



Key commercial data

Packing unit	1 pc
Weight per Piece (excluding packing)	20.6 GRM
Custom tariff number	85366990
Country of origin	Germany

Technical data

Dimensions

Length	27.75 mm
Height	13.25 mm
Pitch	3.5 mm
Dimension a	66.5 mm

General

Range of articles	DFMC 1,5/...-ST-LR
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/3)	160 V
Rated voltage (III/2)	160 V
Rated voltage (II/2)	250 V
Connection in acc. with standard	EN-VDE

Printed-circuit board connector - DFMC 1,5/20-ST-3,5-LR - 1790661

Technical data

General

Nominal current I_N	8 A
Nominal cross section	1.5 mm ²
Maximum load current	8 A
Insulating material	PA
Inflammability class according to UL 94	V0
Internal cylindrical gage	A1
Stripping length	10 mm
Number of positions	20

Connection data

Conductor cross section solid min.	0.2 mm ²
Conductor cross section solid max.	1.5 mm ²
Conductor cross section stranded min.	0.2 mm ²
Conductor cross section stranded max.	1.5 mm ²
Conductor cross section stranded, with ferrule without plastic sleeve min.	0.25 mm ²
Conductor cross section stranded, with ferrule without plastic sleeve max.	1.5 mm ²
Conductor cross section stranded, with ferrule with plastic sleeve min.	0.25 mm ²
Conductor cross section stranded, with ferrule with plastic sleeve max.	0.75 mm ²
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

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
eCl@ss 8.0	27440309

ETIM

ETIM 4.0	EC002638
ETIM 5.0	EC002638

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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


UL Recognized / cUL Recognized / VDE Gutachten mit Fertigungsüberwachung / IECCEB Scheme / cULus Recognized

Ex Approvals

Approvals submitted

Approval details

UL Recognized 			
		B	C
mm ² /AWG/kcmil	16-24	16-24	
Nominal current I _N	8 A	8 A	
Nominal voltage U _N	150 V	50 V	

cUL Recognized 			
		B	C
mm ² /AWG/kcmil	16-24	16-24	
Nominal current I _N	8 A	8 A	
Nominal voltage U _N	150 V	50 V	

Printed-circuit board connector - DFMC 1,5/20-ST-3,5-LR - 1790661

Approvals

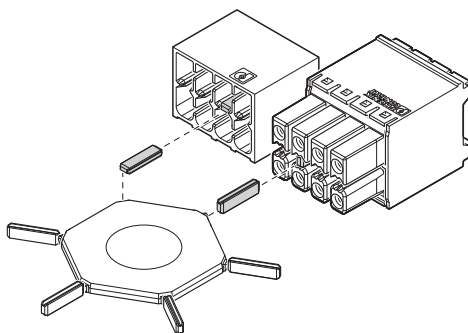
VDE Gutachten mit Fertigungsüberwachung	
mm ² /AWG/kcmil	0.2-1.5
Nominal current I _N	8 A
Nominal voltage U _N	160 V

IECEE CB Scheme	
Nominal current I _N	8 A
Nominal voltage U _N	160 V

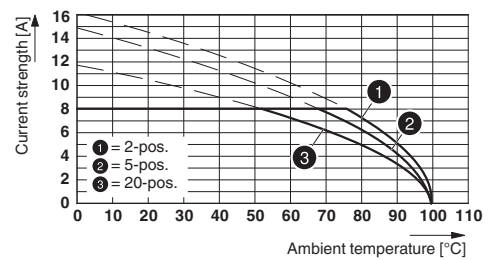
cULus Recognized	
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Drawings

Schematic diagram



Diagram



Type: DFMC 1,5/...-ST-3,5-LR with DMC 1,5/...-G1F-3,5-LR P20 THR

Use of the CP-DMC... coding profile

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Dimensioned drawing

