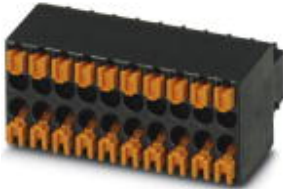


Printed-circuit board connector - DFMC 0,5/ 8-ST-2,54 - 1844633

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)

Plug, nominal current: 6 A, rated voltage (III/2): 160 V, number of positions: 8 with 16 contacts, pitch: 2.54 mm, connection method: spring connection, color: black, contact surface: gold



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



Key Commercial Data

Packing unit	1 pc
Minimum order quantity	50 pc
Custom tariff number	85366990
Country of origin	Germany

Technical data

Dimensions

Length	15.4 mm
Height	10.5 mm
Pitch	2.54 mm
Dimension a	17.78 mm

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)	32 V
Rated voltage (III/2)	160 V
Rated voltage (II/2)	160 V
Connection in acc. with standard	EN-VDE
Nominal current I_N	6 A

Printed-circuit board connector - DFMC 0,5/ 8-ST-2,54 - 1844633

Technical data

General

Nominal cross section	0.5 mm ²
Maximum load current	6 A
Insulating material	LCP
Flammability rating according to UL 94	V0
Stripping length	7 mm
Number of positions	8

Connection data

Conductor cross section solid min.	0.14 mm ²
Conductor cross section solid max.	0.5 mm ²
Conductor cross section flexible min.	0.14 mm ²
Conductor cross section flexible max.	0.5 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.	0.34 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.	0.25 mm ²
Conductor cross section AWG min.	26
Conductor cross section AWG max.	20

Classifications

eCl@ss

eCl@ss 5.1	27141190
eCl@ss 6.0	27261101
eCl@ss 8.0	27440309

ETIM

ETIM 4.0	EC002643
ETIM 5.0	EC002643

Approvals

Approvals

Approvals

cULus Recognized

Printed-circuit board connector - DFMC 0,5/ 8-ST-2,54 - 1844633

Approvals

Ex Approvals

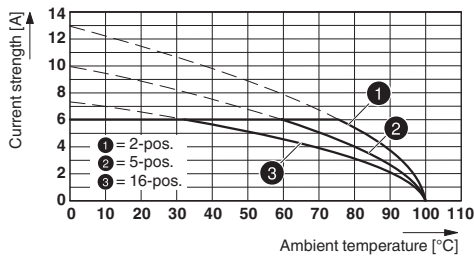
Approvals submitted

Approval details

cULus Recognized		
	B	C
mm ² /AWG/kcmil	26-20	26-20
Nominal current I _N	6 A	6 A
Nominal voltage U _N	150 V	50 V

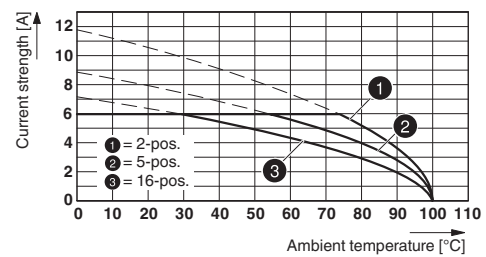
Drawings

Diagram



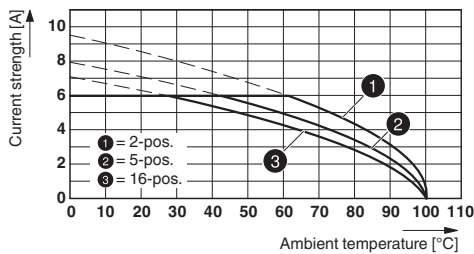
Type: DFMC 0,5/...-ST-2,54 with DMC 0,5/...-G1-2,54 SMD R...

Diagram



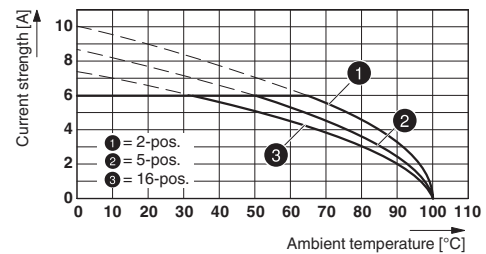
Type: DFMC 0,5/...-ST-2,54 with DMCV 0,5/...-G1-2,54 SMD R...

Diagram



Type: DFMC 0,5/...-ST-2,54 with DMC 0,5/...-G1-2,54 P20THR R...

Diagram



Type: DFMC 0,5/...-ST-2,54 with DMCV 0,5/...-G1-2,54 P20THR R...

Printed-circuit board connector - DFMC 0,5/ 8-ST-2,54 - 1844633

Dimensional drawing

