Printed-circuit board connector - DFMC 0,5/ 6-ST-2,54 - 1844617

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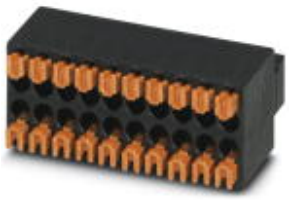
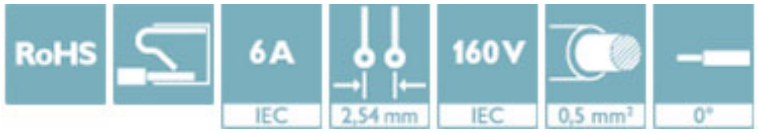


The figure shows a 10-pos. version with 20 contacts

Plug, nominal current: 6 A, rated voltage (III/2): 160 V, number of positions: 6 with 12 contacts, pitch: 2.54 mm, connection method: spring connection, color: black, contact surface: gold

Why buy this product

- Gold-plated contacts ensure transfer quality remains stable over the long term
- 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	100 STK
GTIN	4 046356 964289
GTIN	4046356964289

Technical data

Dimensions

Length [l]	15.85 mm
Width [w]	15.74 mm
Height [h]	10.5 mm
Pitch	2.54 mm
Dimension a	12.7 mm

General

Range of articles	DFMC 0,5/..-ST
Type of contact	Female connector
Number of positions	6
Connection method	Push-in spring connection

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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)	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
Nominal cross section	0.5 mm²
Maximum load current	6 A
Insulating material	LCP
Flammability rating according to UL 94	V0
Stripping length	7 mm

Connection data

Conductor cross section solid min.	0.14 mm²
Conductor cross section solid max.	0.5 mm²
Conductor cross section flexible min.	0.14 mm²
Conductor cross section flexible max.	0.5 mm²
Conductor cross section flexible, with ferrule without plastic sleeve min.	0.25 mm²
Conductor cross section flexible, with ferrule without plastic sleeve max.	0.34 mm²
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.14 mm²
Conductor cross section flexible, with ferrule with plastic sleeve max.	0.25 mm²
Conductor cross section AWG min.	26
Conductor cross section AWG max.	20

Standards and Regulations

Connection in acc. with standard	EN-VDE
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

Drawings

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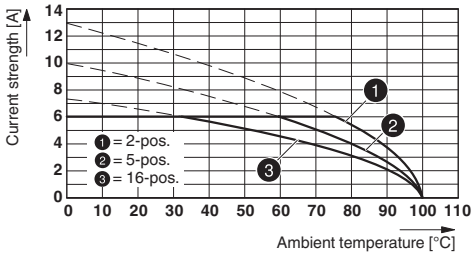
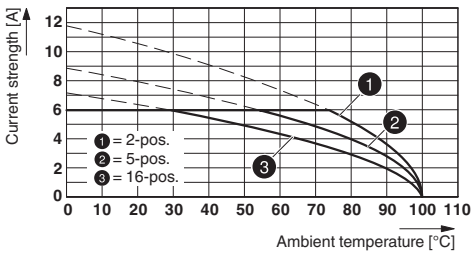
Diagram



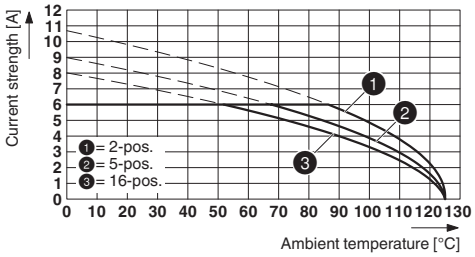
Type: DFMC 0,5/...-ST-2,54 with DMC 0,5/...-G1-2,54 SMD R...

Diagram



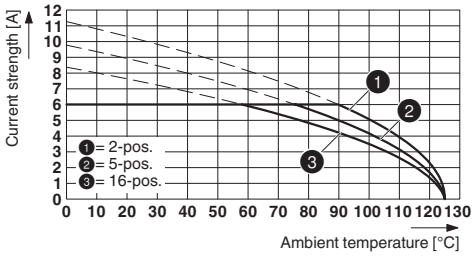
Type: DFMC 0,5/...-ST-2,54 with DMCV 0,5/...-G1-2,54 SMD R...

Diagram



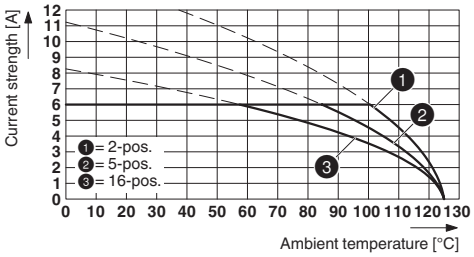
Type: DFMC 0,5/...-ST-2,54 with DMC 0,5/...-G1-2,54 P20THR R...

Diagram



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

Diagram



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

Approvals

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cULus Recognized / VDE report with production monitoring / IECEE CB Scheme / EAC

Ex Approvals

Approval details

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Approvals

cULus Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	E60425-19920306

	B	C
Nominal voltage UN	150 V	50 V
Nominal current IN	6 A	6 A
mm²/AWG/kcmil	26-20	26-20

VDE report with production monitoring		http://www2.vde.com/de/Institut/Online-Service/VDE-gepruefteProdukte/Seiten/Online-Suche.aspx	40042389

Nominal voltage UN	160 V
Nominal current IN	6 A
mm²/AWG/kcmil	0.14-0.5

IECEE CB Scheme		http://www.iecee.org/	DE1-55740

EAC		B.01742

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