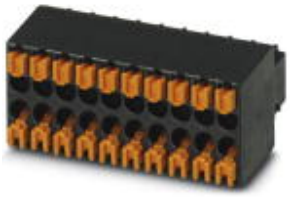
Printed-circuit board connector - DFMC 0,5/ 4-ST-2,54 - 1844594

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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: 4 with 8 contacts, pitch: 2.54 mm, connection method: spring connection, color: black, contact surface: gold

Key Commercial Data

Packing unit	1 pc
Minimum order quantity	100 pc
Weight per Piece (excluding packing)	1.8 g
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	7.62 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

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Technical data

General

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
Number of positions	4

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

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/ 4-ST-2,54 - 1844594

Approvals

Ex Approvals

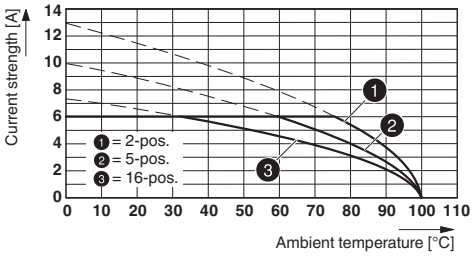
Approvals submitted

Approval details

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

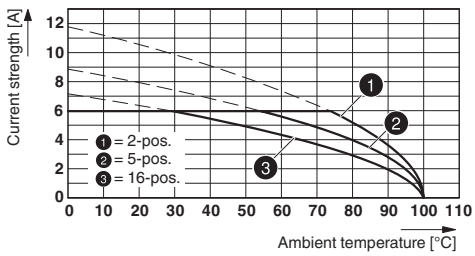
Drawings

Diagram



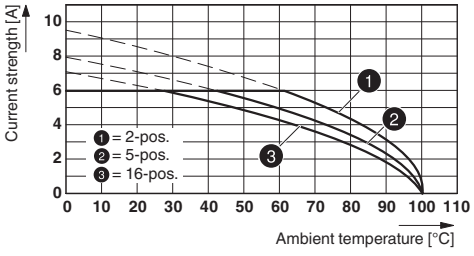
Type: DFMC 0,5/...-ST-2,54 with DMC 0,5/...-G1-2,54 SMD R...

Diagram



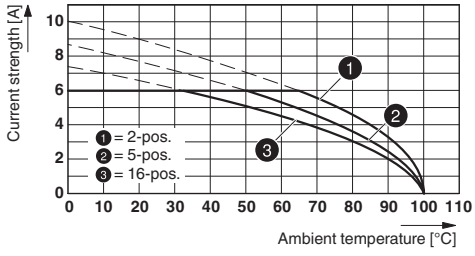
Type: DFMC 0,5/...-ST-2,54 with DMCV 0,5/...-G1-2,54 SMD R...

Diagram



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

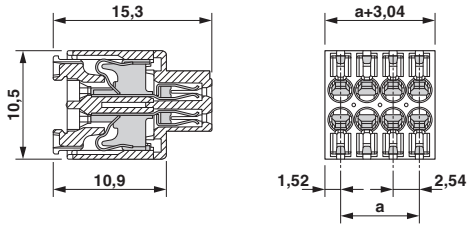
Diagram



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

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Dimensional drawing



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