Printed-circuit board connector - FK-MC 0,5/12-ST-2,5 BK - 1755279

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Plug component, Nominal current: 4 A, Number of positions: 12, Pitch: 2.5 mm, Connection method: Spring-cage connection, Color: black, Contact surface: Tin

Key commercial data

Packing unit	1 pc
Minimum order quantity	50 pc
Weight per Piece (excluding packing)	7.6 GRM
Custom tariff number	85366990
Country of origin	Germany

Technical data

Dimensions

Pitch	2.5 mm
Dimension a	27.5 mm

General

Range of articles	FK-MC 0,5/..-ST
Rated voltage (III/3)	100 V
Connection in acc. with standard	EN-VDE
Nominal current I_N	4 A
Nominal cross section	0.5 mm²
Number of positions	12

Connection data

Conductor cross section solid min.	0.14 mm²
Conductor cross section solid max.	0.5 mm²
Conductor cross section stranded min.	0.14 mm²
Conductor cross section stranded max.	0.5 mm²
Conductor cross section stranded, with ferrule without plastic sleeve min.	0.25 mm²
Conductor cross section stranded, with ferrule without plastic sleeve max.	0.5 mm²
Conductor cross section AWG/kcmil min.	26
Conductor cross section AWG/kcmil max	20
Minimum AWG according to UL/CUL	28

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Technical data

Connection data

Maximum AWG according to UL/CUL	20

Classifications

eCl@ss

eCl@ss 4.0	272607xx
eCl@ss 4.1	27260701
eCl@ss 5.0	27260701
eCl@ss 5.1	27260701
eCl@ss 6.0	27260704
eCl@ss 7.0	27440402
eCl@ss 8.0	27440402

ETIM

ETIM 3.0	EC001121
ETIM 4.0	EC002638
ETIM 5.0	EC002638

UNSPSC

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

Approvals

Approvals

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UL Recognized / VDE Gutachten mit Fertigungsüberwachung / cUL Recognized / IECEE CB Scheme / CCA / GOST / cULus Recognized

Ex Approvals

Approvals submitted

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Approvals

Approval details

UL Recognized

	B
mm²/AWG/kcmil	28-20
Nominal current IN	4 A
Nominal voltage UN	125 V

VDE Gutachten mit Fertigungsüberwachung

mm²/AWG/kcmil	0.2-0.5
Nominal current IN	4 A
Nominal voltage UN	100 V

cUL Recognized

	B
mm²/AWG/kcmil	28-20
Nominal current IN	4 A
Nominal voltage UN	125 V

IECEE CB Scheme

mm²/AWG/kcmil	0.2-0.5
Nominal current IN	4 A
Nominal voltage UN	100 V

CCA

mm²/AWG/kcmil	0.2-0.5
Nominal current IN	4 A
Nominal voltage UN	100 V

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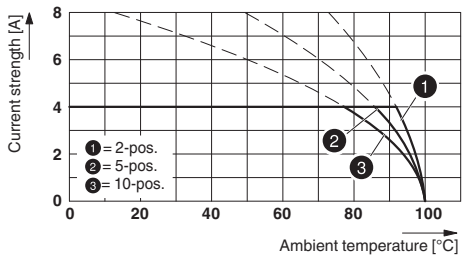
Approvals

GOST

cULus Recognized

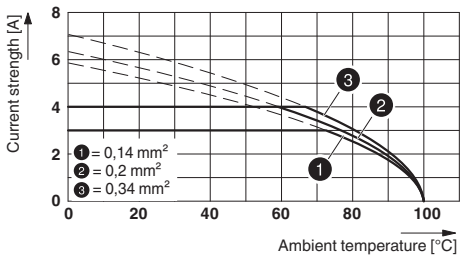
Drawings

Diagram



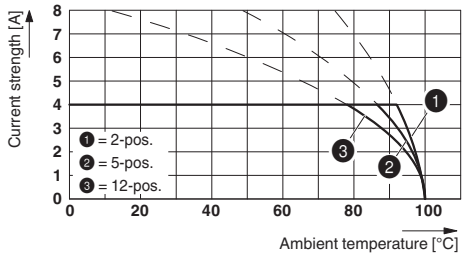
Type: FK-MC 0,5/...-ST-2,5 with MC 0,5/...-G-2,5

Diagram



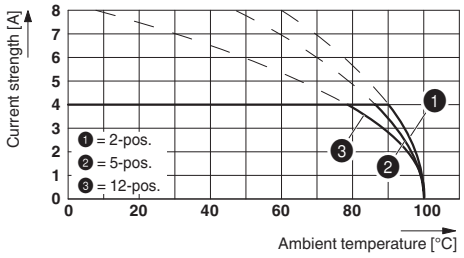
Type: FK-MC 0,5/...-ST-2,5 with MC 0,5/...-G-2,5

Diagram



Type: FK-MC 0,5/...-ST-2,5 with MCV 0,5/...-G-2,5 THT

Diagram



Type: FK-MC 0,5/...-ST-2,5 with MC 0,5/...-G-2,5 THT

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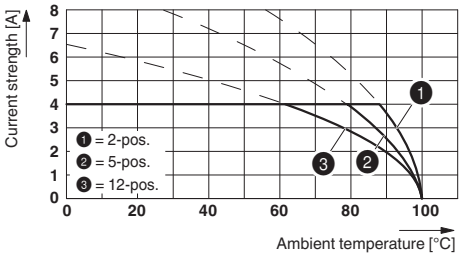
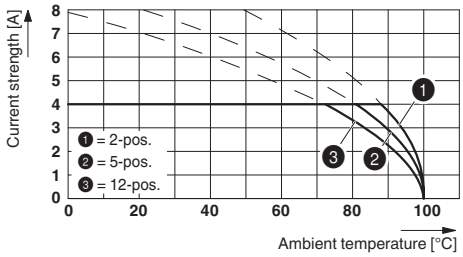
Diagram



Type: FK-MC 0,5/...-ST-2,5 with MCD 0,5/...-G1-2,5

Diagram



Type: FK-MC 0,5/...-ST-2,5 with MCDV 0,5/...-G1-2,5

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