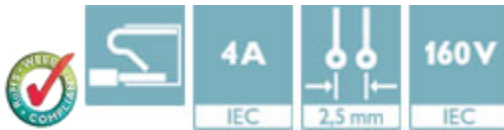


Printed-circuit board connector - FK-MC 0,5/ 8-ST-2,5 BK - 1908101

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Plug component, Nominal current: 4 A, Rated voltage (III/2): 160 V, Number of positions: 8, Pitch: 2.5 mm, Connection method: Push-in spring connection, Color: black, Contact surface: Tin



Key Commercial Data

Packing unit	1 pc
Minimum order quantity	50 pc
Weight per Piece (excluding packing)	5.0 g
Custom tariff number	85366990
Country of origin	Germany

Technical data

Dimensions

Pitch	2.50 mm
Dimension a	17.5 mm

General

Range of articles	FK-MC 0,5/...-ST
Insulating material group	I
Rated surge voltage (III/3)	1.5 kV
Rated surge voltage (III/2)	2.5 kV
Rated surge voltage (II/2)	2.5 kV
Rated voltage (III/3)	80 V
Rated voltage (III/2)	160 V
Rated voltage (II/2)	320 V
Connection in acc. with standard	EN-VDE
Nominal current I_N	4 A
Nominal cross section	0.5 mm ²
Maximum load current	4 A (with 0.5 mm ² conductor cross section)
Insulating material	PA
Flammability rating according to UL 94	V0
Stripping length	8 mm

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Technical data

General

Number of positions	8
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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.	0.5 mm ²
Conductor cross section AWG min.	26
Conductor cross section AWG max.	20
Minimum AWG according to UL/CUL	28
Maximum AWG according to UL/CUL	20

Standards and Regulations

Connection in acc. with standard	EN-VDE
	CUL
Flammability rating according to UL 94	V0

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	27440309
eCl@ss 9.0	27440309

ETIM

ETIM 3.0	EC001121
ETIM 4.0	EC002638
ETIM 5.0	EC002638

UNSPSC

UNSPSC 6.01	30211810
UNSPSC 7.0901	39121409

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Classifications

UNSPSC

UNSPSC 11	39121409
UNSPSC 12.01	39121409
UNSPSC 13.2	39121409

Approvals

Approvals

Approvals

UL Recognized / VDE Gutachten mit Fertigungsüberwachung / cUL Recognized / IECCE CB Scheme / CCA / EAC / EAC / cULus Recognized

Ex Approvals

Approvals submitted

Approval details

UL Recognized	
	B
mm ² /AWG/kcmil	28-20
Nominal current I _N	4 A
Nominal voltage U _N	125 V

VDE Gutachten mit Fertigungsüberwachung	
mm ² /AWG/kcmil	0.2-0.5
Nominal current I _N	4 A
Nominal voltage U _N	100 V

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Approvals

cUL Recognized	
	B
mm ² /AWG/kcmil	28-20
Nominal current I _N	4 A
Nominal voltage U _N	125 V

IECEE CB Scheme	
mm ² /AWG/kcmil	0.2-0.5
Nominal current I _N	4 A
Nominal voltage U _N	100 V

CCA	
mm ² /AWG/kcmil	0.2-0.5
Nominal current I _N	4 A
Nominal voltage U _N	100 V

EAC

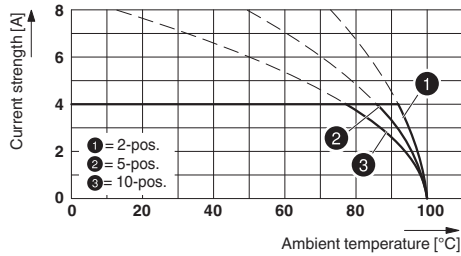
EAC

cULus Recognized

Drawings

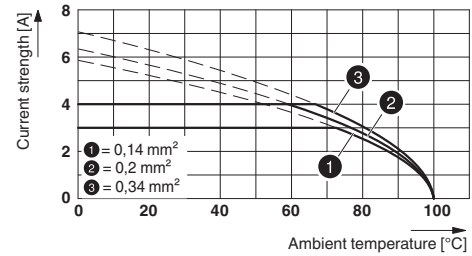
Printed-circuit board connector - FK-MC 0,5/ 8-ST-2,5 BK - 1908101

Diagram



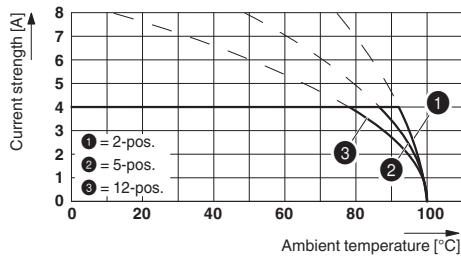
Type: FK-MC 0,5/...-ST-2,5 with MC 0,5/...-G-2,5

Diagram



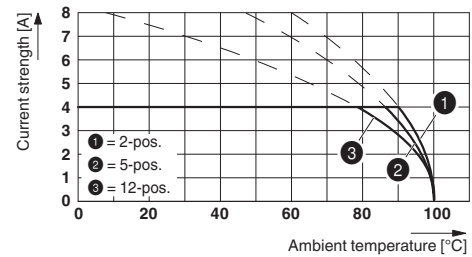
Type: FK-MC 0,5/...-ST-2,5 with MC 0,5/...-G-2,5

Diagram



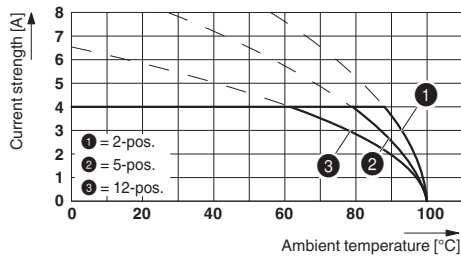
Type: FK-MC 0,5/...-ST-2,5 with MCV 0,5/...-G-2,5 THT

Diagram



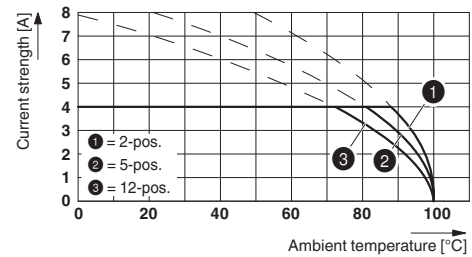
Type: FK-MC 0,5/...-ST-2,5 with MC 0,5/...-G-2,5 THT

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