

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

GYBD:1-12Q - 1944343

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

Key commercial data

package_quantity	50
GTIN	4017918850678

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 mm ²
Stripping length	8 mm
Number of positions	12

Connection data

Conductor cross section solid min.	0.14 mm ²
Conductor cross section solid max.	0.5 mm ²
Conductor cross section stranded min.	0.14 mm ²
Conductor cross section stranded max.	0.5 mm ²
Conductor cross section stranded, with ferrule without plastic sleeve min.	0.25 mm ²
Conductor cross section stranded, with ferrule without plastic sleeve max.	0.5 mm ²
Conductor cross section AWG/kcmil min.	26
Conductor cross section AWG/kcmil max	20
Minimum AWG according to UL/CUL	28
Maximum AWG according to UL/CUL	20

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Technical data

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

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

Approval details

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

VDE Gutachten mit Fertigungsüberwachung 

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approvals

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

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

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

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

GOST 	
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cULus Recognized  US	
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