Printed-circuit board connector - MC 1,5/ 4-STF-3,81 BK - 1743074

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (http://download.phoenixcontact.com)

Plug component, Nominal current: 8 A, Number of positions: 4, Pitch: 3.81 mm, Connection method: Screw connection, Color: Black, Contact surface: Tin

Key commercial data

package_quantity	50
GTIN	4046356300407

Technical data

Dimensions

Pitch	3.81 mm
Dimension a	11.43 mm

General

Range of articles	MC 1,5/..-STF
Rated voltage (III/3)	160 V
Connection in acc. with standard	EN-VDE
Nominal current I_N	8 A
Nominal cross section	1.5 mm²
Number of positions	4

Connection data

Conductor cross section solid min.	0.14 mm²
Conductor cross section solid max.	1.5 mm²
Conductor cross section stranded min.	0.14 mm²
Conductor cross section stranded max.	1.5 mm²
Conductor cross section stranded, with ferrule without plastic sleeve min.	0.25 mm²
Conductor cross section stranded, with ferrule without plastic sleeve max.	1.5 mm²
Conductor cross section stranded, with ferrule with plastic sleeve min.	0.25 mm²
Conductor cross section stranded, with ferrule with plastic sleeve max.	0.5 mm²
Conductor cross section AWG/kcmil min.	28
Conductor cross section AWG/kcmil max	16
2 conductors with same cross section, solid min.	0.08 mm²

Printed-circuit board connector - MC 1,5/ 4-STF-3,81 BK - 1743074

Technical data

Connection data

2 conductors with same cross section, solid max.	0.5 mm²
2 conductors with same cross section, stranded min.	0.08 mm²
2 conductors with same cross section, stranded max.	0.75 mm²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	0.25 mm²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	0.34 mm²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	0.5 mm²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	0.5 mm²
Minimum AWG according to UL/CUL	30
Maximum AWG according to UL/CUL	14

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

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

Approval details

Printed-circuit board connector - MC 1,5/ 4-STF-3,81 BK - 1743074

approvals

CSA

Usegroups	B	D
Nominal voltage UN	300 V	300 V
Nominal current IN	8 A	8 A
mm²/AWG/kcmil	28-16	28-16

UL Recognized

Usegroups	B	D
Nominal voltage UN	300 V	300 V
Nominal current IN	8 A	8 A
mm²/AWG/kcmil	30-14	30-14

VDE Gutachten mit Fertigungsüberwachung

Nominal voltage UN	160 V
Nominal current IN	8 A
mm²/AWG/kcmil	0.2-1.5

cUL Recognized

Usegroups	B	D
Nominal voltage UN	300 V	300 V
Nominal current IN	8 A	8 A
mm²/AWG/kcmil	30-14	30-14

GOST

IECEE CB Scheme

Nominal voltage UN	160 V
Nominal current IN	8 A
mm²/AWG/kcmil	0.2-1.5

Printed-circuit board connector - MC 1,5/ 4-STF-3,81 BK - 1743074

approvals

CCA	
Nominal voltage UN	160 V
Nominal current IN	8 A
mm²/AWG/kcmil	0.2-1.5

cULus Recognized

© Phoenix Contact 2013 - all rights reserved
http://www.phoenixcontact.com