

Printed-circuit board connector - DFK-PC 5/7-STF-SH-7,62 - 1716771

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Plug component, Nominal current: 41 A, Rated voltage (III/2): 1000 V, Number of positions: 7, Pitch: 7.62 mm, Connection method: Screw connection, Color: green, Contact surface: Tin



Product Features

- Feed-through headers for use in combination with PC 5 plugs
- ✓ Panel thickness of 1 mm to 3 mm
- Mounted on the housing panel by means of tool-free snap-lock mechanism or conventional screw connection
- Screw connection for direct wiring on the inside of the device



Key commercial data

Packing unit	1 pc
Minimum order quantity	10 pc
Weight per Piece (excluding packing)	22.22 GRM
Custom tariff number	85366990
Country of origin	Poland

Technical data

Dimensions

Pitch	7.62 mm
Dimension a	45.72 mm

General

Range of articles	DFK-PC 5/STF-SH
Insulating material group	I
Rated surge voltage (III/3)	8 kV
Rated surge voltage (III/2)	8 kV
Rated surge voltage (II/2)	6 kV
Rated voltage (III/3)	1000 V



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Technical data

General

Rated voltage (III/2)	1000 V
Rated voltage (II/2)	1000 V
Connection in acc. with standard	EN-VDE
Nominal current I _N	41 A
Nominal cross section	6 mm²
Maximum load current	41 A
Insulating material	PA
Inflammability class according to UL 94	V0
Stripping length	10 mm
Number of positions	7
Screw thread	M3
Tightening torque, min	0.7 Nm
Tightening torque max	0.8 Nm

Connection data

Conductor cross section solid min.	0.2 mm²
Conductor cross section solid max.	10 mm ²
Conductor cross section stranded min.	0.2 mm ²
Conductor cross section stranded max.	6 mm²
Conductor cross section stranded, with ferrule without plastic sleeve min.	0.25 mm²
Conductor cross section stranded, with ferrule without plastic sleeve max.	6 mm²
Conductor cross section stranded, with ferrule with plastic sleeve min.	0.25 mm ²
Conductor cross section stranded, with ferrule with plastic sleeve max.	4 mm²
Conductor cross section AWG/kcmil min.	24
Conductor cross section AWG/kcmil max	10
2 conductors with same cross section, solid min.	0.2 mm²
2 conductors with same cross section, solid max.	2.5 mm²
2 conductors with same cross section, stranded min.	0.2 mm²
2 conductors with same cross section, stranded max.	4 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.	1.5 mm²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	0.25 mm²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	2.5 mm²
Minimum AWG according to UL/CUL	24



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Technical data

Connection data

Maximum AWG according to UL/CUL	8
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Classifications

eCl@ss

eCl@ss 4.0	272607xx
eCl@ss 4.1	27260701
eCl@ss 5.0	27260701
eCl@ss 5.1	27141190
eCl@ss 6.0	27260704
eCl@ss 7.0	27440402
eCl@ss 8.0	27440402

ETIM

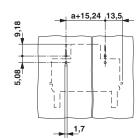
ETIM 3.0	EC001121
ETIM 4.0	EC002638
ETIM 5.0	EC002638

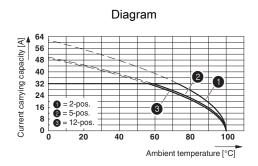
UNSPSC

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

Drawings

Drilling diagram





Derating curve for: DFK-PC 5/...-ST-7,62 with PC 5/...-ST-7,62 Conductor cross section = 6 mm²



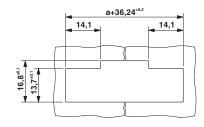
Printed-circuit board connector - DFK-PC 5/ 7-STF-SH-7,62 - 1716771

Diagram

Note: The property of the property of

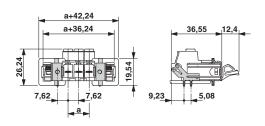
Derating curve for: DFK-PC 5/...-ST-7,62 with PC 5/...-ST-7,62 Conductor cross section = 10 mm²

Dimensioned drawing

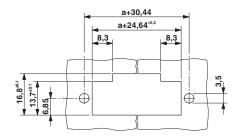


Sheet metal cutout for snap-on.

Dimensioned drawing



Dimensioned drawing



Sheet metal cutout for screw connection.

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