

# Printed-circuit board connector - DFK-PC 5/ 9-GF-SH-7,62 - 1716137

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Feed-through header, nominal current: 41 A, rated voltage (III/2): 630 V, nominal cross section: 6 mm<sup>2</sup>, number of positions: 9, pitch: 7.62 mm, color: green, contact surface: Tin, mounting: Wave soldering, pin layout: Linear pinning, solder pin [P]: 5 mm


The figure shows a 5-pos. version of the product

## Your advantages

- ✓ Well-known mounting principle allows worldwide use
- ✓ Flange system enables secure fixing to the housing panel by means of tool-free snap-in locking or screws
- ✓ Shroud for professional EMC shield feed-through on the inside of the device
- ✓ Screwable flange for superior mechanical stability



## Key Commercial Data

Packing unit	10 pc
GTIN	 4 046356 136754
GTIN	4046356136754

## Technical data

### Dimensions

Length [ l ]	29.25 mm
Width	94.08 mm
Pitch	7.62 mm
Dimension a	60.96 mm
Width [ w ]	94.08 mm
Height [ h ]	21.1 mm
Installed height	19.54 mm
Length of the solder pin	5 mm
Pin dimensions	0.8 x 1 mm
Pin spacing	7.62 mm
Length	29.25 mm

# Printed-circuit board connector - DFK-PC 5/ 9-GF-SH-7,62 - 1716137

## Technical data

### General

Range of articles	DFK-PC 5/...-GF-SH
Insulating material group	I
Rated surge voltage (III/3)	6 kV
Rated surge voltage (III/2)	6 kV
Rated surge voltage (II/2)	6 kV
Rated voltage (III/3)	500 V
Rated voltage (III/2)	630 V
Rated voltage (II/2)	800 V
Connection in acc. with standard	EN-VDE
Nominal current I <sub>N</sub>	41 A
Maximum load current	41 A
Insulating material	PA
Flammability rating according to UL 94	V0
Color	green
Number of positions	9

### Standards and Regulations

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

### Environmental Product Compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

## Classifications

### eCl@ss

eCl@ss 10.0.1	27440402
eCl@ss 4.0	27260700
eCl@ss 4.1	27260700
eCl@ss 5.0	27260700
eCl@ss 5.1	27260700
eCl@ss 6.0	27260700
eCl@ss 7.0	27440402
eCl@ss 8.0	27440402
eCl@ss 9.0	27440402

### ETIM

ETIM 3.0	EC001121
ETIM 4.0	EC002637
ETIM 5.0	EC002637

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## Classifications

### ETIM

ETIM 6.0	EC002637
ETIM 7.0	EC002637

### UNSPSC

UNSPSC 6.01	30211810
UNSPSC 7.0901	39121409
UNSPSC 11	39121409
UNSPSC 12.01	39121409
UNSPSC 13.2	39121409
UNSPSC 18.0	39121409
UNSPSC 19.0	39121409
UNSPSC 20.0	39121409
UNSPSC 21.0	39121409

## Approvals


### Approvals


Approvals

EAC / cULus Recognized

Ex Approvals

### Approval details

EAC		B.01687
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cULus Recognized		<a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a>	E60425-19920722
	B	C	D
Nominal voltage UN	300 V	150 V	300 V
Nominal current IN	41 A	41 A	10 A

## Accessories

Accessories

Coding element

# Printed-circuit board connector - DFK-PC 5/ 9-GF-SH-7,62 - 1716137

## Accessories

Coding profile - CP-PC RD - 1701967



Coding profile, for plugging into the coding ribs of the plug at a later date, insulating material, color: Red

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## Connector

Connector - C-SCF 2,5/6,3X0,8 - 3240159



Slip-on sleeve, non-insulated, 1.5 ... 2.5 mm<sup>2</sup>, 6.3 x 0.8

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Connector - C-SCF 6/6,3X0,8 - 3240160



Slip-on sleeve, non-insulated, 4 ... 6 mm<sup>2</sup>, 6.3 x 0.8

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Connector - C-SCF 1,5/6,3X0,8 - 3240156



Slip-on sleeve, non-insulated, 0.5 ... 1.5 mm<sup>2</sup>, 6.3 x 0.8

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Connector - C-SCFI 6/6,3X0,8 - 3240056



Slip-on sleeve, yellow, 4 ... 6 mm<sup>2</sup>, 6.3 x 0.8

## Printed-circuit board connector - DFK-PC 5/ 9-GF-SH-7,62 - 1716137

### Accessories

Connector - C-SCFI 1,5/6,3X0,8 - 3240052



Slip-on sleeve, red, 0.5 ... 1.5 mm<sup>2</sup>, 6.3 x 0.8

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Connector - C-SCFFI 2,5/6,3X0,8 - 3240547



Slip-on sleeve, fully isolated, blue, 1.5 ... 2.5 mm<sup>2</sup>, for plug 6.3 x 0.8 mm

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Connector - C-SCFI 2,5/6,3X0,8 - 3240055



Slip-on sleeve, blue, 1.5 ... 2.5 mm<sup>2</sup>, 6.3 x 0.8

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Connector - C-SCFFI 6/6,3X0,8 - 3240541



Slip-on sleeve, fully insulated, yellow, 4 ... 6 mm<sup>2</sup>, for 6.3 x 0.8 mm plugs

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Connector - C-SCFFI 1,5/6,3X0,8 - 3240538



Slip-on sleeve, fully isolated, red, 0.5 ... 1.5 mm<sup>2</sup>, for plug 6.3 x 0.8 mm

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### Connector set

Accessories - DFK-PC MOUNT SET - 1054021

Contains 20 pcs. latch and screw elements for feed-through connectors each

## Printed-circuit board connector - DFK-PC 5/ 9-GF-SH-7,62 - 1716137

### Accessories

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#### Labeled terminal marker

Marker card - SK 7,62/3,8:FORTL.ZAHLEN - 0804549



Marker card, Card, white, labeled, horizontal: consecutive numbers 1 ... 10, 11 ... 20, etc. up to 91 ... 100, mounting type: adhesive, for terminal block width: 7.62 mm, lettering field size: 7.62 x 3.8 mm

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Marker card - SK 3,8 REEL P7,62 WH CUS - 0825128



Marker card, Card, can be ordered: by card, white, labeled according to customer specifications, mounting type: adhesive, for terminal block width: 7.62 mm, lettering field size: continuous x 3.8#mm

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#### Mounting material

Accessories - DFK-PC 16-SS - 1705449



Screw set for DFK-PC 16... connectors

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#### Terminal marking

Marker card - SK U/3,8 WH:UNBEDRUCKT - 0803906



Marker card, Sheet, white, unlabeled, can be labeled with: PLOTMARK, CMS-P1-PLOTTER, Office printing systems, mounting type: adhesive, for terminal block width: 210 mm, lettering field size: 186 x 3.8 mm, Number of individual labels: 1440

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Marker strip - SK 3,8 WH:REEL - 0805218



Marker strip, Roll, white, unlabeled, can be labeled with: THERMOMARK ROLL 2.0, THERMOMARK ROLL, THERMOMARK ROLL X1, THERMOMARK ROLLMASTER 300/600, THERMOMARK X1.2, mounting type: adhesive, for terminal block width: 90000 mm, lettering field size: continuous x 3.8#mm, Number of individual labels: 210000

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## Printed-circuit board connector - DFK-PC 5/ 9-GF-SH-7,62 - 1716137

### Accessories

#### Additional products

Printed-circuit board connector - TSPC 5/ 9-STF-7,62 - 1728277



PCB connector, nominal current: 41 A, rated voltage (III/2): 1000 V, nominal cross section: 6 mm<sup>2</sup>, number of positions: 9, pitch: 7.62 mm, connection method: Push-in spring connection, color: green, contact surface: Tin

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Printed-circuit board connector - PC 5/ 9-STF1-7,62 - 1777901



PCB connector, nominal current: 41 A, rated voltage (III/2): 1000 V, nominal cross section: 6 mm<sup>2</sup>, number of positions: 9, pitch: 7.62 mm, connection method: Screw connection with tension sleeve, color: green, contact surface: Tin

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Printed-circuit board connector - SPC 5/ 9-STF-7,62 - 1996197



PCB connector, nominal current: 41 A, rated voltage (III/2): 1000 V, nominal cross section: 6 mm<sup>2</sup>, number of positions: 9, pitch: 7.62 mm, connection method: Push-in spring connection, color: green, contact surface: Tin

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