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Printed-circuit board connector - PC 5/12-GU-7,62 - 1720783

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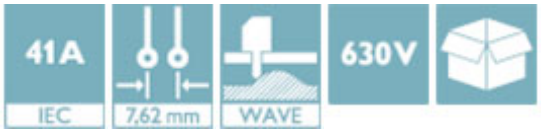
The figure shows a 5-pos. version of the product

Header, Nominal current: 41 A, Rated voltage (III/2): 630 V, Number of positions: 12, Pitch: 7.62 mm, Color: green, Contact surface: Tin, Mounting: Wave soldering

Why buy this product

- PCB-SHIELD shroud for a professional EMC shield connection
- Vibration-resistant connection by means of threaded flange (-GF; also for screw connection in the device)
- PC 5 headers for use in combination with PC 5 plugs
- Compatible with the Click and Lock system
- CP-PC RD coding profiles as protection against mismatching



Key Commercial Data

Packing unit	50 STK
GTIN	4 046356 114349

Technical data

Dimensions

Length	29.25 mm
Pitch	7.62 mm
Dimension a	83.82 mm
Width	94.24 mm
Constructional height	13.54 mm
Height	17.74 mm
Length of the solder pin	4.2 mm
Pin dimensions	0,8 x 1 mm
Pin spacing	7.62 mm
Hole diameter	1.3 mm

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Technical data

General

Range of articles	PC 5/..-GU
Insulating material group	IIIa
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)	630 V
Rated voltage (III/2)	630 V
Rated voltage (II/2)	1000 V
Connection in acc. with standard	EN-VDE
Nominal current I_N	41 A
Maximum load current	41 A
Insulating material	PBT
Flammability rating according to UL 94	V0
Color	green
Number of positions	12

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	27440402
eCl@ss 9.0	27440402

ETIM

ETIM 3.0	EC001121
ETIM 4.0	EC002637
ETIM 5.0	EC002637

UNSPSC

UNSPSC 6.01	30211810
UNSPSC 7.0901	39121409
UNSPSC 11	39121409

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Classifications

UNSPSC

UNSPSC 12.01	39121409
UNSPSC 13.2	39121409

Approvals

Approvals

Approvals

UL Recognized / cUL Recognized / EAC / cULus Recognized

Ex Approvals

Approvals submitted

Approval details

UL Recognized

	B	C	D
Nominal current IN	41 A	41 A	10 A
Nominal voltage UN	300 V	150 V	300 V

cUL Recognized

	B	C	D
Nominal current IN	41 A	41 A	10 A
Nominal voltage UN	300 V	150 V	300 V

EAC

cULus Recognized

Drawings

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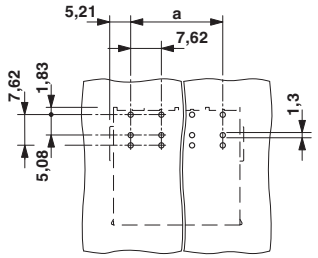
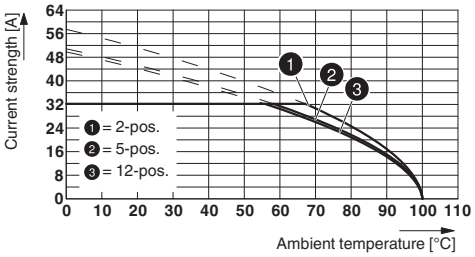
Drilling diagram

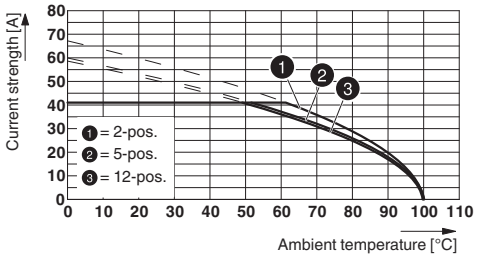


Diagram



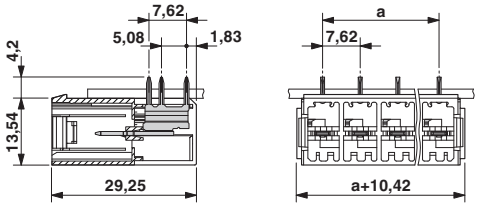
Type: PC 5/...-ST(F)1-7,62 with PC 5/...-GU(F)-7,62
Conductor cross section: 6 mm²

Diagram



Type: PC 5/...-ST(F)1-7,62 with PC 5/...-G(F)U-7,62
Conductor cross section: 10 mm²

Dimensional drawing



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To access the product, click on the green button.

Product	Code	Reference	Product link
Header, Nominal current: 41 A, Rated voltage (III/2): 630 V, Number of positions: 12, Pitch: 7.62 mm, Color: green, Contact surface: Tin, Mounting: Soldering	1720783	PC 5/12-GU-7,62	Buy on EAN