

Feed-through header - PCV 4/10-G-7,62 - 1804768

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://phoenixcontact.com/download>)



PCB headers, nominal current: 20 A, number of positions: 10, pitch: 7.62 mm, color: green, contact surface: Tin, mounting: Wave soldering, Mounting flange: Accessory Order No. 1827570

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

Your advantages

- ✓ Well-known mounting principle allows worldwide use



Key Commercial Data

Packing unit	1 pc
Minimum order quantity	50 pc
GTIN	 4 017918 046200
GTIN	4017918046200
Weight per Piece (excluding packing)	22.690 g
Custom tariff number	85366930
Country of origin	Germany

Technical data

Dimensions

Length [l]	14.25 mm
Width	76.16 mm
Pitch	7.62 mm
Dimension a	68.58 mm
Width [w]	76.16 mm
Height [h]	34 mm

Feed-through header - PCV 4/10-G-7,62 - 1804768

Technical data

Dimensions

Height	29 mm
Length of the solder pin	5 mm
Pin spacing	7.62 mm
Length	14.25 mm

General

Range of articles	PCV 4/...-G
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)	400 V
Rated voltage (III/2)	630 V
Rated voltage (II/2)	630 V
Connection in acc. with standard	EN-VDE
Nominal current I_N	20 A
Maximum load current	20 A
Insulating material	PBT
Flammability rating according to UL 94	V0
Color	green
Number of positions	10

Standards and Regulations

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

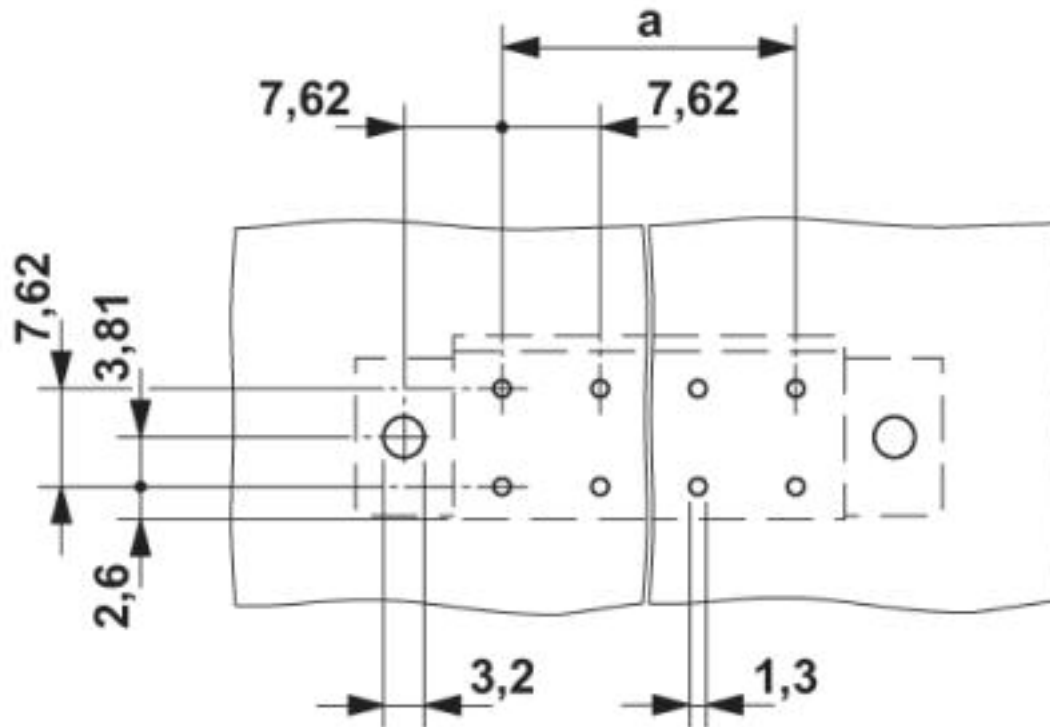
Environmental Product Compliance

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

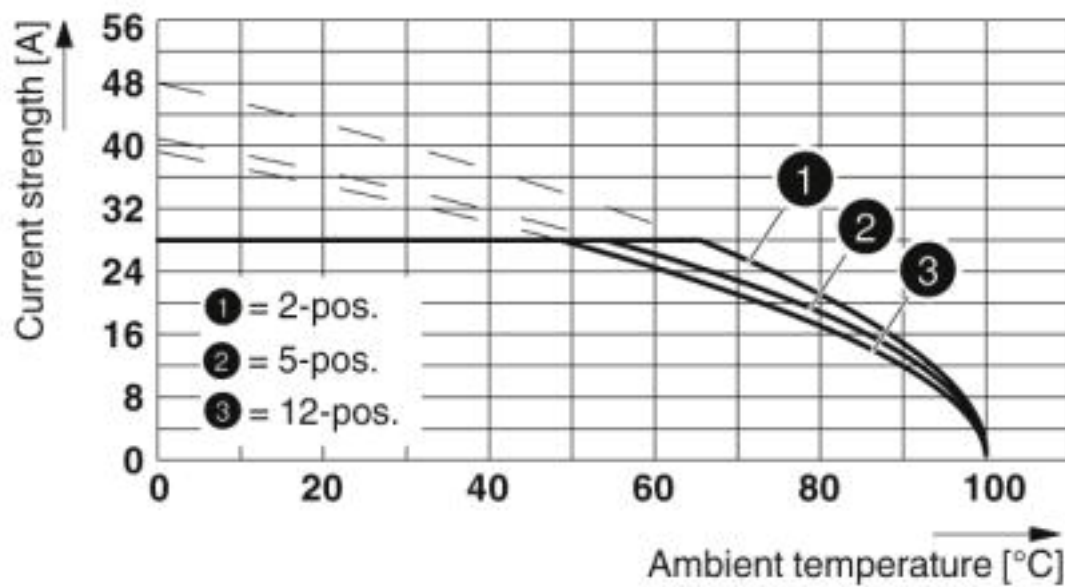
Drawings

Feed-through header - PCV 4/10-G-7,62 - 1804768

Drilling diagram



Diagram

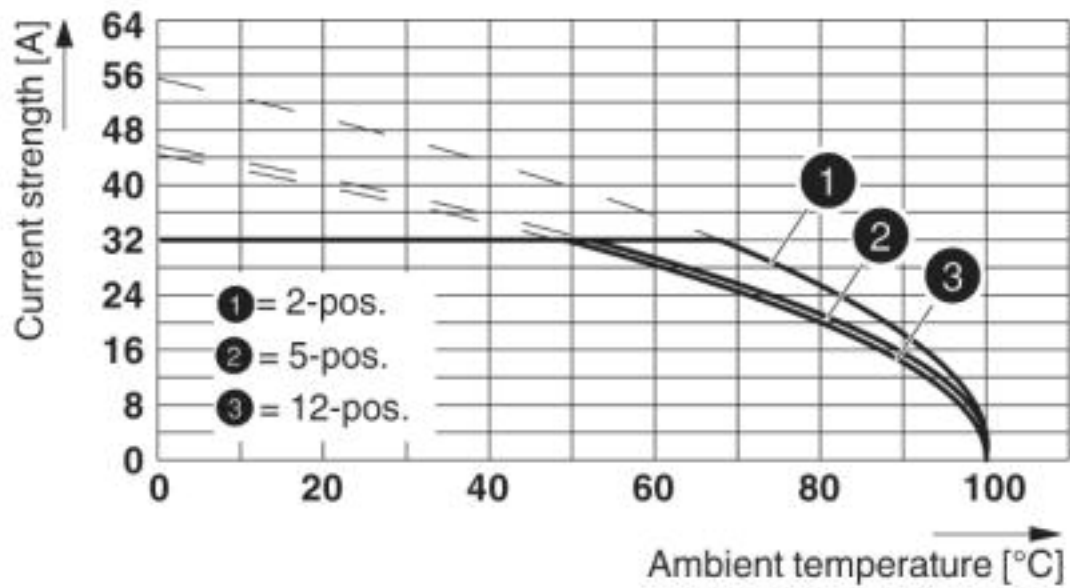


Derating curve for: PC 5/...-ST1-7,62 with PCV 4/...-G-7,62

Feed-through header - PCV 4/10-G-7,62 - 1804768

Conductor cross section: 4 mm²

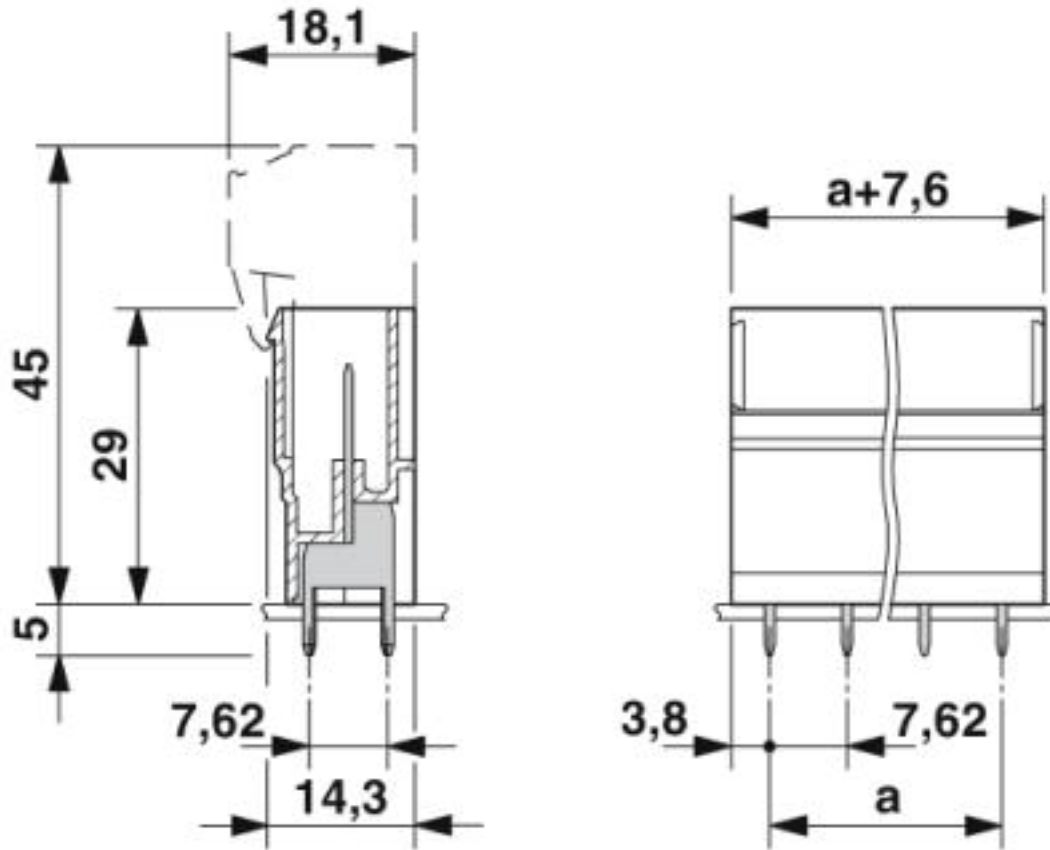
Diagram



Derating curve for: PC 5/...-ST1-7,62 with PCV 4/...-G-7,62
Conductor cross section: 6 mm²

Feed-through header - PCV 4/10-G-7,62 - 1804768

Dimensional drawing



Classifications

eCl@ss

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

Feed-through header - PCV 4/10-G-7,62 - 1804768

Classifications

ETIM

ETIM 5.0	EC002637
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

Approvals

Approvals

Approvals

DNV GL / CSA / RS / BV / LR / EAC / cULus Recognized

Ex Approvals

Approval details

DNV GL		https://approvalfinder.dnvgl.com/	TAE00001EZ
--------	---	---	------------

CSA		http://www.csagroup.org/services-industries/product-listing/	13631
	B	C	
Nominal voltage UN	300 V	300 V	
Nominal current IN	20 A	20 A	

RS		http://www.rs-head.spb.ru/en/index.php	17.00014.272
----	---	---	--------------

Feed-through header - PCV 4/10-G-7,62 - 1804768

Approvals

BV		http://www.veristar.com/portal/veristarinfo/generalinfo/approved/approvedProducts/equipmentAndMaterials	35433/B0 BV
----	---	---	-------------

LR		http://www.lr.org/en	96/20012
----	---	---	----------

EAC			B.01742
-----	---	--	---------

cULus Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	E60425-19920722
	B	C	
Nominal voltage UN	300 V	300 V	
Nominal current IN	30 A	30 A	

Accessories

Accessories

Coding element

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

Flange

Mounting flange - BF-PC 4 - 1827570



Mounting flange, is snapped onto the left and right of the headers, for screw connection with PC 4/...-STF-7.62

Feed-through header - PCV 4/10-G-7,62 - 1804768

Accessories

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

Marker pen

Marker pen - B-STIFT - 1051993



Marker pen, for manual labeling of unprinted Zack strips, smear-proof and waterproof, line thickness 0.5 mm

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

Additional products

Printed-circuit board connector - PC 4/10-ST-7,62 - 1804988



PCB connector, nominal current: 20 A, number of positions: 10, pitch: 7.62 mm, connection method: Screw connection with tension sleeve, color: green, contact surface: Tin

Feed-through header - PCV 4/10-G-7,62 - 1804768

Accessories

Printed-circuit board connector - PCC 4/10-ST-7,62 - 1840117



PCB connector, nominal current: 20 A, number of positions: 10, pitch: 7.62 mm, connection method: Crimp connection, color: green, Corresponding female crimp contacts with current [A] and conductor cross section range [mm²] data: 13,5A/STG-MTN 0,5-1,0 (3190438); 13,5A/STG-MTN 0,5-1,0 BA (3190629); 20A/STG-MTN 1,5-2,5 (3190506); 20A/STG-MTN 1,5-2,5 BA (3190632). BA = Taped contacts

Printed-circuit board connector - PC 4 HV/10-ST-7,62 - 1880070



PCB connector, number of positions: 10, pitch: 7.62 mm, color: green