

## Feed-through header - MC 1,5/ 2-G-3,81 BK - 1827619

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: 8 A, number of positions: 2, pitch: 3.81 mm, color: black, contact surface: Tin, mounting: Wave soldering




The figure shows a 10-position version of the product

### Your advantages

- ✓ Well-known mounting principle allows worldwide use
- ✓ Maximum flexibility when it comes to device design – one header for connectors with different connection technologies



### Key Commercial Data

Packing unit	1 pc
Minimum order quantity	50 pc
GTIN	 4 017918 330354
GTIN	4017918330354
Weight per Piece (excluding packing)	0.770 g
Custom tariff number	85366930
Country of origin	Germany

### Technical data

#### Dimensions

Length [ l ]	9.2 mm
Width	9.01 mm
Pitch	3.81 mm
Dimension a	3.81 mm
Width [ w ]	9.01 mm

## Feed-through header - MC 1,5/ 2-G-3,81 BK - 1827619

### Technical data

#### Dimensions

Height [ h ]	10.75 mm
Height	7.25 mm
Length of the solder pin	3.4 mm
Pin dimensions	0.8 x 0.8 mm
Length	9.2 mm

#### General

Range of articles	MC 1,5/...-G
Insulating material group	IIIa
Rated surge voltage (III/3)	2.5 kV
Rated surge voltage (III/2)	2.5 kV
Rated surge voltage (II/2)	2.5 kV
Rated voltage (III/3)	160 V
Rated voltage (III/2)	160 V
Rated voltage (II/2)	250 V
Connection in acc. with standard	EN-VDE
Nominal current $I_N$	8 A
Maximum load current	8 A
Insulating material	PBT
Flammability rating according to UL 94	V0
Color	black
Number of positions	2

#### Standards and Regulations

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

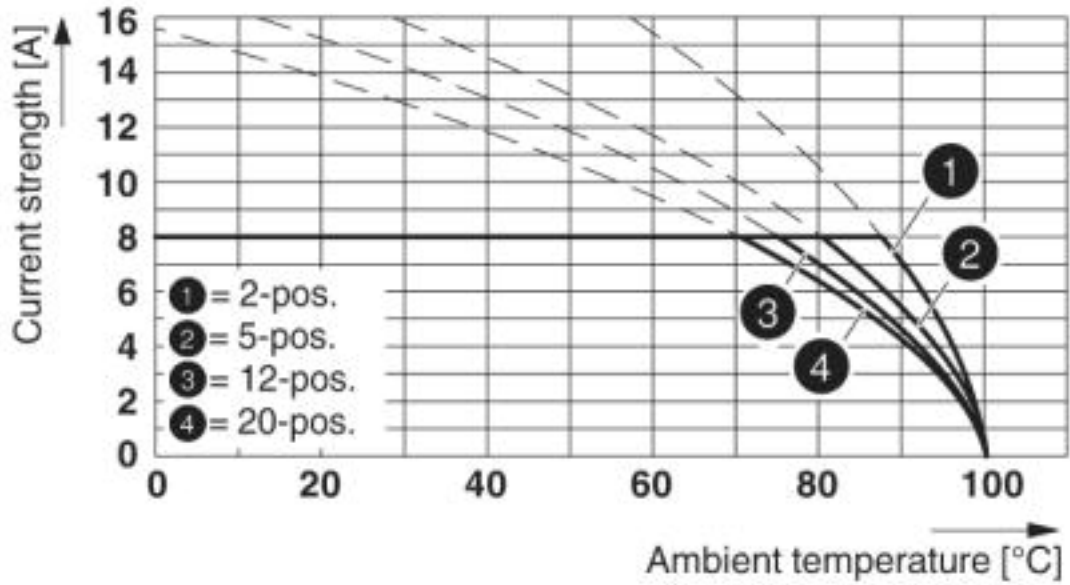
#### Environmental Product Compliance

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

### Drawings

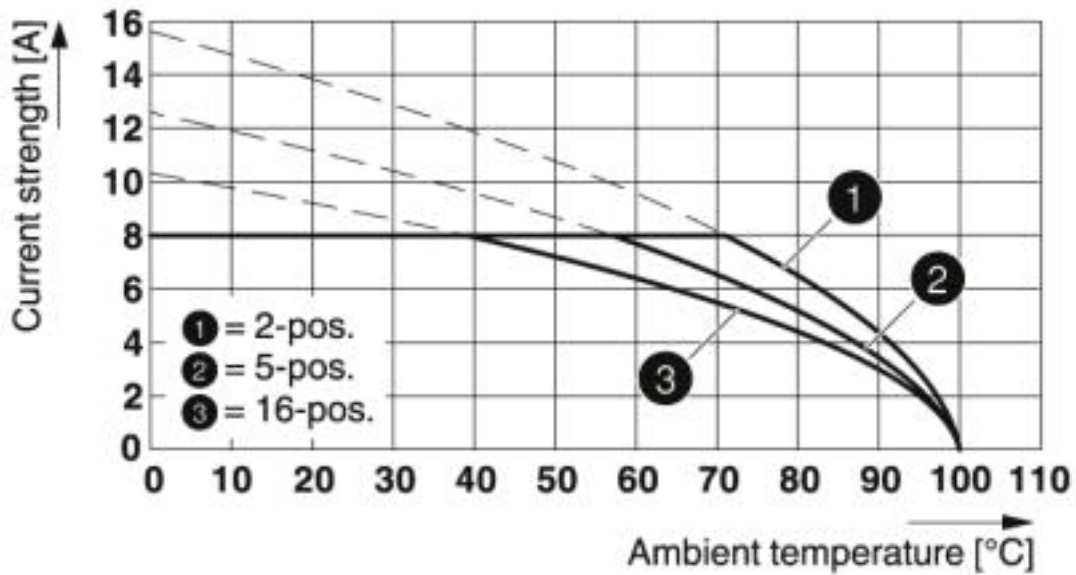
# Feed-through header - MC 1,5/ 2-G-3,81 BK - 1827619

Diagram



Type: MC 1,5/...-ST-3,81 with MC 1,5/...-G-3,81

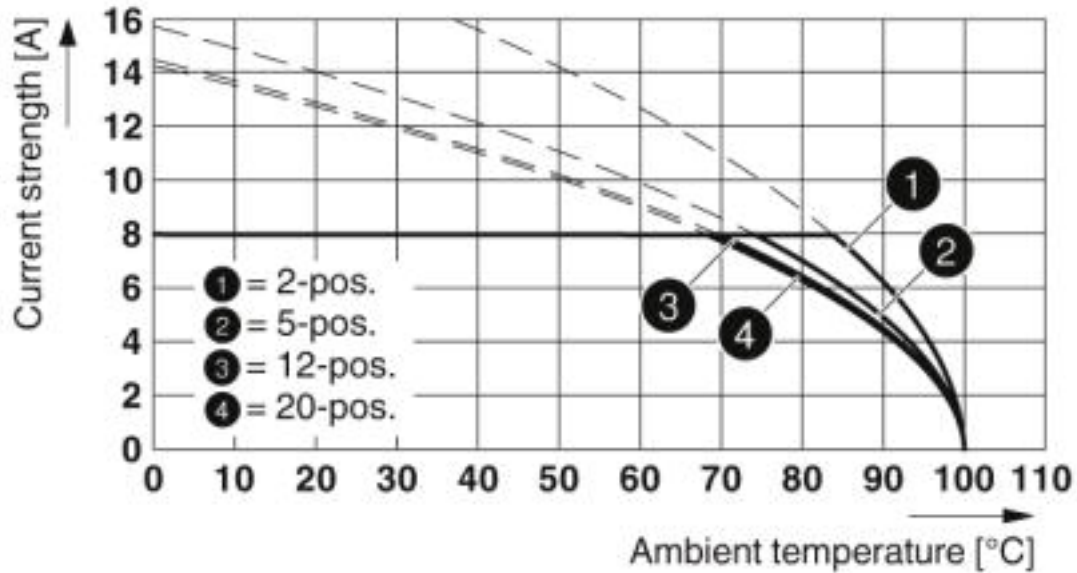
Diagram



Type: MCVW 1,5/...-ST-3,81 with MC 1,5/...-G-3,81

## Feed-through header - MC 1,5/ 2-G-3,81 BK - 1827619

Diagram



Type: FMC 1,5/...-ST-3,81 with MC 1,5/...-G-3,81

### 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
ETIM 5.0	EC002637
ETIM 6.0	EC002637
ETIM 7.0	EC002637

UNSPSC

UNSPSC 6.01	30211810
-------------	----------

# Feed-through header - MC 1,5/ 2-G-3,81 BK - 1827619

## Classifications

### UNSPSC

UNSPSC 7.0901	39121409
UNSPSC 11	39121409
UNSPSC 12.01	39121409
UNSPSC 13.2	39121409

## Approvals

### Approvals


#### Approvals


CSA / IECCEB Scheme / VDE Gutachten mit Fertigungsüberwachung / EAC / cULus Recognized

#### Ex Approvals

### Approval details

CSA		<a href="http://www.csagroup.org/services-industries/product-listing/">http://www.csagroup.org/services-industries/product-listing/</a>	13631
	B	D	
Nominal voltage UN	300 V	300 V	
Nominal current IN	8 A	8 A	

IECEE CB Scheme		<a href="http://www.iecee.org/">http://www.iecee.org/</a>	DE1-60987-B1B2
Nominal voltage UN	160 V		
Nominal current IN	8 A		

VDE Gutachten mit Fertigungsüberwachung		<a href="http://www2.vde.com/de/Institut/Online-Service/VDE-gepruefteProdukte/Seiten/Online-Suche.aspx">http://www2.vde.com/de/Institut/Online-Service/VDE-gepruefteProdukte/Seiten/Online-Suche.aspx</a>	40011723
Nominal voltage UN	160 V		
Nominal current IN	8 A		

# Feed-through header - MC 1,5/ 2-G-3,81 BK - 1827619

## Approvals

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

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>	E60425-20110128
	B	D	
Nominal voltage UN	300 V	300 V	
Nominal current IN	8 A	8 A	

## Accessories

### Accessories

#### Coding element

Coding profile - CP-MSTB - 1734634

Coding profile, is inserted into the slot on the plug or inverted header, red insulating material



### Fiber optic

Fiber optic - MC 1,5/10-LWL 1,5-3,81 - 1841174

MINI COMBICON fiber optics, 3.81 mm pitch, 10-pos., separable for other numbers of positions (minimum: 2-pos.), inserts into the back of the MC header, color: transparent, dimension a: 1.5 mm



Fiber optic - MC 1,5/10-LWL 2,3-3,81 - 1841190

MINI COMBICON fiber optics, 3.81 mm pitch, 10-pos., separable for other numbers of positions (minimum: 2-pos.), inserts into the back of the MC header, color: transparent, dimension a: 2.3 mm



## Feed-through header - MC 1,5/ 2-G-3,81 BK - 1827619

### Accessories

Fiber optic - MC 1,5/10-LWL 4-3,81 - 1841213

MINI COMBICON fiber optics, 3.81 mm pitch, 10-pos., separable for other numbers of positions (minimum: 2-pos.), inserts into the back of the MC header, color: transparent, dimension a: 4 mm



---

### Labeled terminal marker

Marker card - SK 3,81/2,8:FORTL.ZAHLEN - 0804109



Marker card, Card, white, labeled, Horizontal: consecutive numbers 1 ... 10, 11 ... 20, etc. up to 91 ... (99)100, mounting type: adhesive, for terminal block width: 3.81 mm, lettering field size: 3.81 x 2.8 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

---

### Additional products

Printed-circuit board connector - FK-MCP 1,5/ 2-ST-3,81 - 1851041

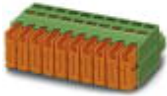


PCB connector, nominal current: 8 A, number of positions: 2, pitch: 3.81 mm, connection method: Push-in spring connection, color: green, contact surface: Tin

## Feed-through header - MC 1,5/ 2-G-3,81 BK - 1827619

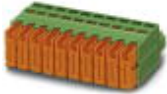
### Accessories

Printed-circuit board connector - QC 0,5/ 2-ST-3,81 BK - 1925333



PCB connector, nominal current: 6 A, number of positions: 2, pitch: 3.81 mm, connection method: Displacement connection, color: black, contact surface: Tin

Printed-circuit board connector - QC 0,5/ 2-ST-3,81 - 1897393



PCB connector, nominal current: 6 A, number of positions: 2, pitch: 3.81 mm, connection method: Displacement connection, color: green, contact surface: Tin

Printed-circuit board connector - MC 1,5/ 2-ST-3,81 BK - 1827635



Plug component, nominal current: 8 A, rated voltage: 160 V, pitch: 3.81 mm, no. of positions: 2, type of connection: Screw connection, color: Black

Printed-circuit board connector - MC 1,5/ 2-ST-3,81 - 1803578



PCB connector, nominal current: 8 A, number of positions: 2, pitch: 3.81 mm, connection method: Screw connection with tension sleeve, color: green, contact surface: Tin

Printed-circuit board connector - MCVR 1,5/ 2-ST-3,81 - 1827127



PCB connector, nominal current: 8 A, number of positions: 2, pitch: 3.81 mm, connection method: Screw connection with tension sleeve, color: green, contact surface: Tin

## Feed-through header - MC 1,5/ 2-G-3,81 BK - 1827619

### Accessories

Printed-circuit board connector - MCVR 1,5/ 2-ST-3,81 BK - 1903067



PCB connector, nominal current: 8 A, number of positions: 2, pitch: 3.81 mm, connection method: Screw connection with tension sleeve, color: black, contact surface: Tin

---

Printed-circuit board connector - MCC 1/ 2-STZ-3,81 - 1852176



PCB connector, nominal current: 8 A, number of positions: 2, pitch: 3.81 mm, connection method: Crimp connection, color: green, Corresponding female crimp contacts with current [A] and conductor cross section range [mm<sup>2</sup>] data: 5A/MCC-MT 0,2-0,35 (1859988); 8A/MCC-MT 0,5-1,0 (1859991)

---

Feed-through header - IMCV 1,5/ 2-G-3,81 - 1875425



PCB headers, nominal current: 8 A, number of positions: 2, pitch: 3.81 mm, color: green, contact surface: Tin, mounting: Wave soldering

---

Feed-through header - IMC 1,5/ 2-G-3,81 - 1862577



PCB headers, nominal current: 8 A, number of positions: 2, pitch: 3.81 mm, color: green, contact surface: Tin, mounting: Wave soldering

---

Printed-circuit board connector - FRONT-MC 1,5/ 2-ST-3,81 - 1850660



PCB connector, nominal current: 8 A, number of positions: 2, pitch: 3.81 mm, connection method: Front screw connection, color: green, contact surface: Tin

---

---

