

## Feed-through header - MC 1,5/10-G-3,5 - 1844294

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, rated voltage (III/2): 160 V, number of positions: 10, pitch: 3.5 mm, color: green, 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
GTIN	
GTIN	4017918113339
Weight per Piece (excluding packing)	2.690 g
Custom tariff number	85366930
Country of origin	Germany

### Technical data

#### Dimensions

Length [ l ]	9.2 mm
Width	36.4 mm
Pitch	3.5 mm
Dimension a	31.5 mm
Width [ w ]	36.4 mm
Height [ h ]	10.65 mm

# Feed-through header - MC 1,5/10-G-3,5 - 1844294

## Technical data

### Dimensions

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	green
Number of positions	10

### Standards and Regulations

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

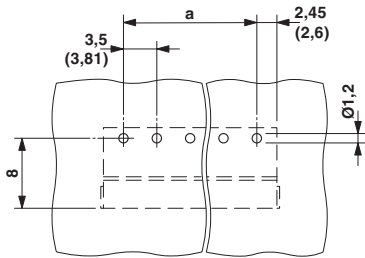
### Environmental Product Compliance

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

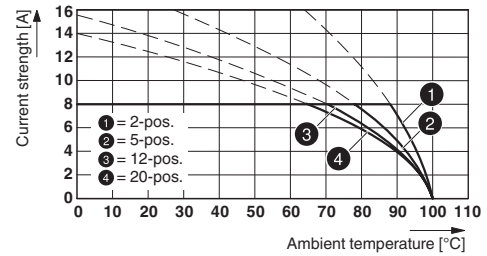
## Drawings

# Feed-through header - MC 1,5/10-G-3,5 - 1844294

Drilling diagram

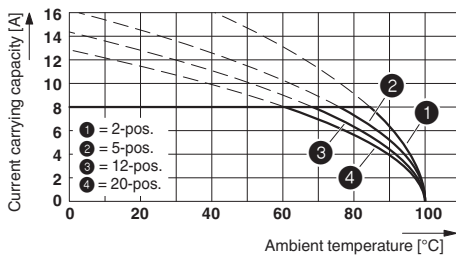


Diagram

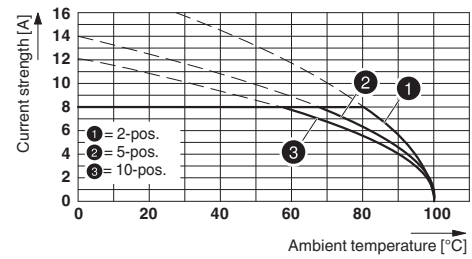


Type: FK-MCP 1,5/...-ST-3,5 with MC 1,5/...-G-3,5

Diagram

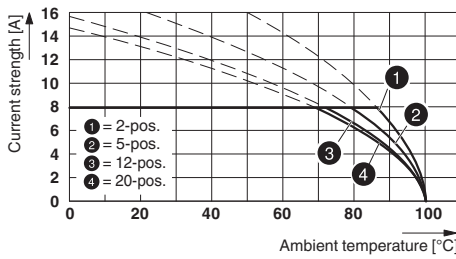


Diagram

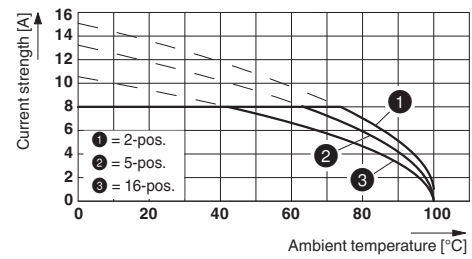


Type: TFMC 1,5/...-ST-3,5 with MC 1,5/...-G-3,5

Diagram



Diagram

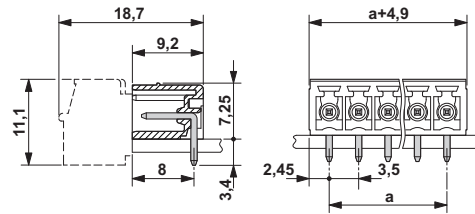


Type: MC 1,5/...-ST-3,5 with MC 1,5/...-G-3,5

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

# Feed-through header - MC 1,5/10-G-3,5 - 1844294

Dimensional drawing



## Classifications

### eCl@ss

eCl@ss 4.0	272607xx
eCl@ss 4.1	27260701
eCl@ss 5.0	27260701
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

### UNSPSC

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

## Approvals

### Approvals

#### Approvals

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


# Feed-through header - MC 1,5/10-G-3,5 - 1844294


## Approvals

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
		D	B
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	

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
		D	B
Nominal voltage UN		300 V	300 V
Nominal current IN		8 A	8 A

## Feed-through header - MC 1,5/10-G-3,5 - 1844294

### 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 1,5-3,5 - 1841161

MINI COMBICON fiber optics, 3.5 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 2,3-3,5 - 1841187

MINI COMBICON fiber optics, 3.5 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



---

Fiber optic - MC 1,5/10-LWL 4-3,5 - 1841200

MINI COMBICON fiber optics, 3.5 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

## Feed-through header - MC 1,5/10-G-3,5 - 1844294

### Accessories

Marker card - SK 3,5/2,8:FORTL.ZAHLEN - 0804073



Marker card, Card, white, labeled, Horizontal: consecutive numbers 1 ... 10, 11 ... 20, etc. up to 91 ... 99, mounting type: adhesive, for terminal block width: 3.5 mm, lettering field size: 3.5 x 2.8 mm

---

### Additional products

Printed-circuit board connector - TFMC 1,5/10-ST-3,5 - 1772692



PCB connector, nominal current: 8 A, rated voltage (III/2): 160 V, number of positions: 10, pitch: 3.5 mm, connection method: Push-in spring connection, color: green, contact surface: Tin

---

Printed-circuit board connector - MC 1,5/10-ST-3,5 - 1840447



PCB connector, nominal current: 8 A, rated voltage (III/2): 160 V, number of positions: 10, pitch: 3.5 mm, connection method: Screw connection with tension sleeve, color: green, contact surface: Tin

---

Printed-circuit board connector - MCVW 1,5/10-ST-3,5 - 1862933



PCB connector, nominal current: 8 A, rated voltage (III/2): 160 V, number of positions: 10, pitch: 3.5 mm, connection method: Screw connection with tension sleeve, color: green, contact surface: Tin

---

Printed-circuit board connector - MCVR 1,5/10-ST-3,5 - 1863233

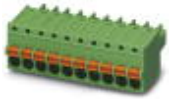


PCB connector, nominal current: 8 A, rated voltage (III/2): 160 V, number of positions: 10, pitch: 3.5 mm, connection method: Screw connection with tension sleeve, color: green, contact surface: Tin

## Feed-through header - MC 1,5/10-G-3,5 - 1844294

### Accessories

Printed-circuit board connector - FK-MCP 1,5/10-ST-3,5 - 1939989



PCB connector, nominal current: 8 A, rated voltage (III/2): 160 V, number of positions: 10, pitch: 3.5 mm, connection method: Push-in spring connection, color: green, contact surface: Tin

---

Printed-circuit board connector - FMC 1,5/10-ST-3,5 - 1952348



PCB connector, nominal current: 8 A, rated voltage (III/2): 160 V, number of positions: 10, pitch: 3.5 mm, connection method: Push-in spring connection, color: green, contact surface: Tin