

## Printed-circuit board connector - MC 1,5/18-GF-3,5-LR - 1817770

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>)

Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 18, Pitch: 3.5 mm, Color: green, Contact surface: Tin, Mounting: Wave soldering



The figure shows a 10-position version of the product



### Key Commercial Data

Packing unit	1 pc
Weight per Piece (excluding packing)	5.6 g
Custom tariff number	85366990
Country of origin	Germany

### Technical data

#### Dimensions

Length	9.2 mm
Pitch	3.50 mm
Dimension a	59.5 mm
Length of the solder pin	3.4 mm
Pin dimensions	0,8 x 0,8 mm
Hole diameter	1.2 mm

#### General

Range of articles	MC 1,5/...-GF-LR
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

# Printed-circuit board connector - MC 1,5/18-GF-3,5-LR - 1817770

## Technical data

### General

Rated voltage (III/2)	160 V
Rated voltage (II/2)	250 V
Connection in acc. with standard	EN-VDE
Nominal current I <sub>N</sub>	8 A
Maximum load current	8 A
Insulating material	PBT
Flammability rating according to UL 94	V0
Color	green
Number of positions	18

### 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
UNSPSC 12.01	39121409
UNSPSC 13.2	39121409

# Printed-circuit board connector - MC 1,5/18-GF-3,5-LR - 1817770

## Approvals

### Approvals

---

#### Approvals

EAC / cULus Recognized / VDE Gutachten mit Fertigungsüberwachung / IECEE CB Scheme / EAC

---

#### Ex Approvals

---


#### Approvals submitted


---

## Approval details

EAC
-----

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

VDE Gutachten mit Fertigungsüberwachung 	
Nominal current IN	8 A
Nominal voltage UN	160 V

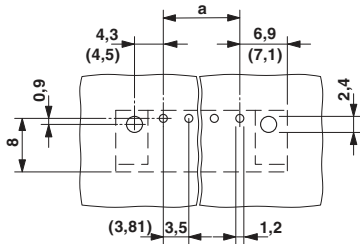
IECEE CB Scheme 	
Nominal current IN	8 A
Nominal voltage UN	160 V

EAC
-----

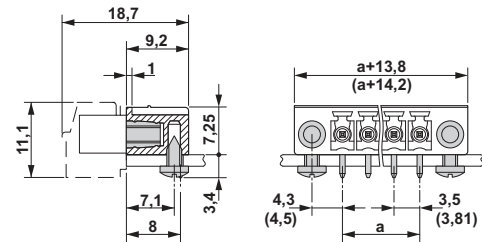
## Drawings

# Printed-circuit board connector - MC 1,5/18-GF-3,5-LR - 1817770

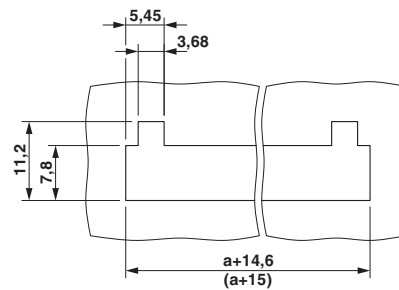
Drilling diagram



Dimensional drawing



Dimensional drawing



Diagram

Plug:  
Header:

FRONT-MC 1,5/5-ST(F)-3,81(3,5)  
MC(V) 1,5/5-G(F)-3,81(3,5)

