

# Printed-circuit board connector - MC 1,5/12-G-3,5 P26 THR - 1788709

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PCB headers, nominal current: 8 A, number of positions: 12, pitch: 3.5 mm, color: black, contact surface: Tin, mounting: THR soldering



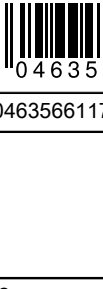
The figure shows a 10-position version of the product

## Your advantages

- Designed for integration into the SMT soldering process
- Maximum flexibility when it comes to device design – one header for connectors with different connection technologies



## Key Commercial Data

Packing unit	50 pc
GTIN	 4 046356 611749
GTIN	4046356611749

## Technical data

### Dimensions

Length [ l ]	9.2 mm
Width	43.39 mm
Pitch	3.5 mm
Dimension a	38.5 mm
Width [ w ]	43.39 mm
Height [ h ]	9.5 mm
Height	6.9 mm
Length of the solder pin	2.6 mm
Pin dimensions	0.8 x 0.8 mm
Length	9.2 mm

### General

Range of articles	MC 1,5/...-G-THR
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## Technical data

### General

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 <sub>N</sub>	8 A
Maximum load current	8 A
Insulating material	LCP
Flammability rating according to UL 94	V0
Color	black
Number of positions	12

### Standards and Regulations

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

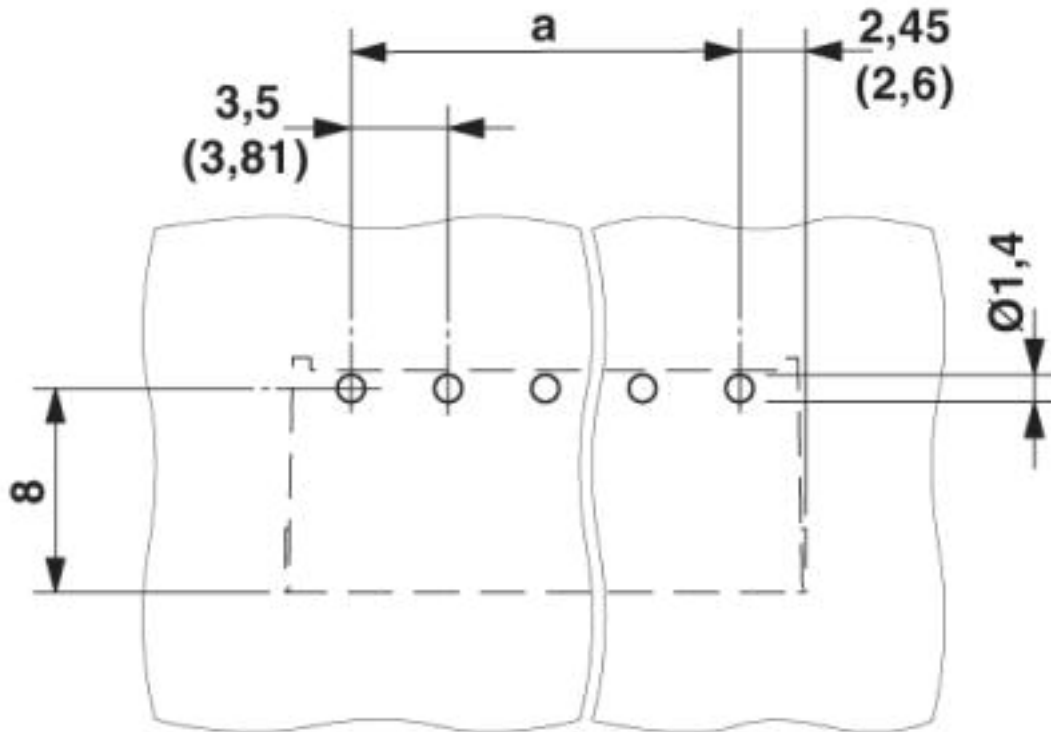
### Environmental Product Compliance

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

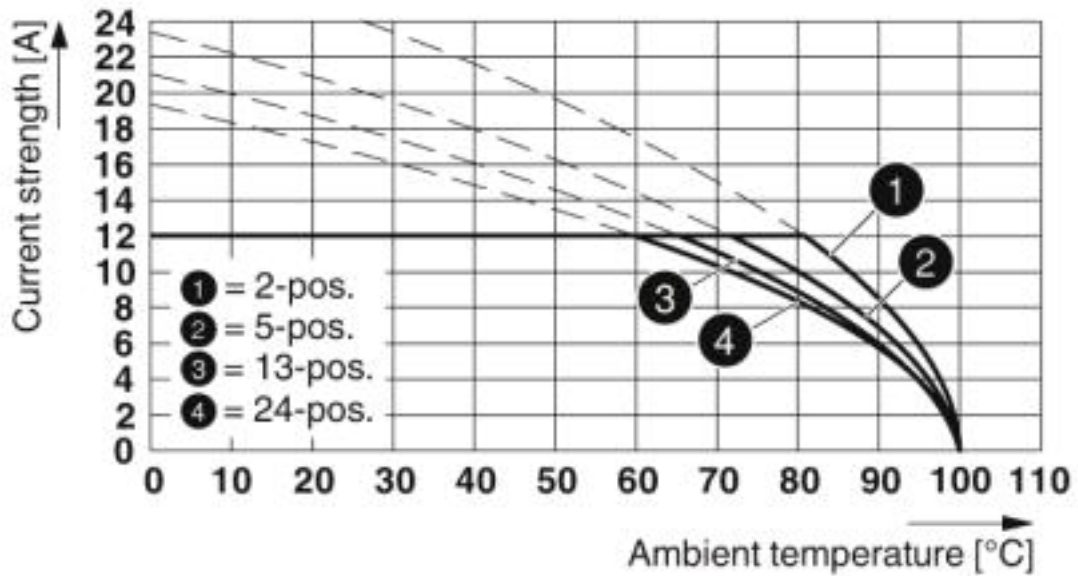
## Drawings

# Printed-circuit board connector - MC 1,5/12-G-3,5 P26 THR - 1788709

Drilling diagram



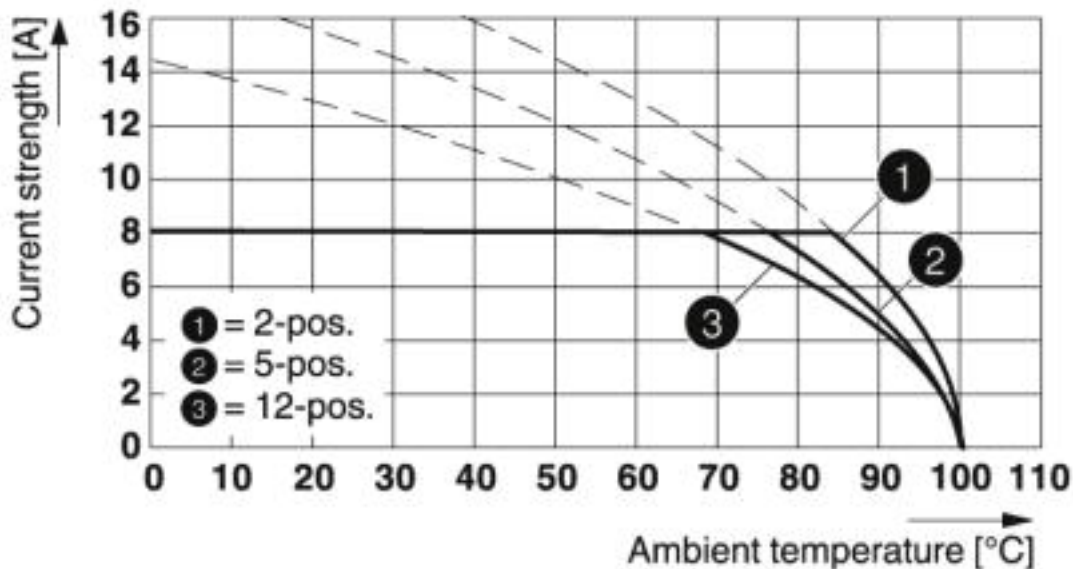
Diagram



Type: MC 1,5/...-ST(F)-3,5 with MC 1,5/...-G(F)-3,5 P... THR

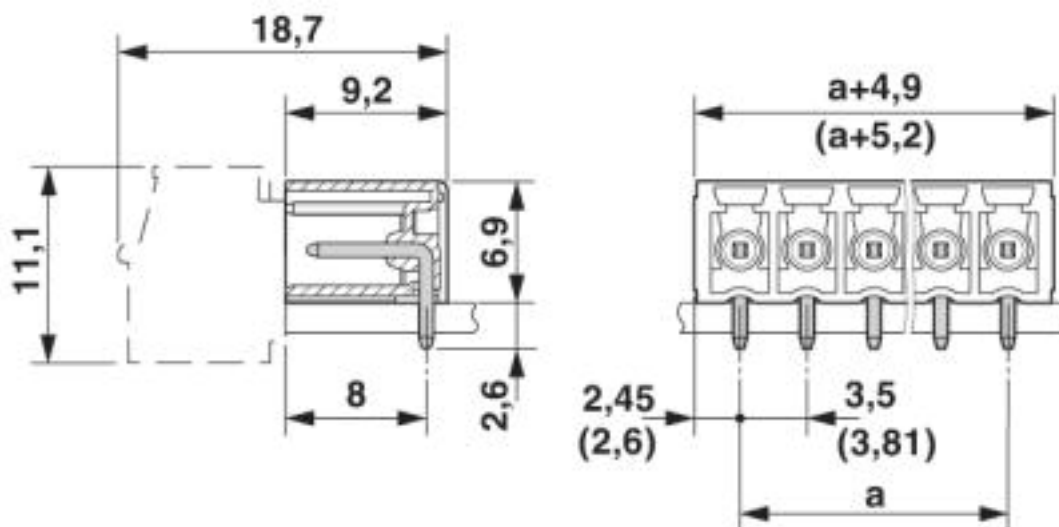
# Printed-circuit board connector - MC 1,5/12-G-3,5 P26 THR - 1788709

Diagram



Type: FMC 1,5/...-ST-3,5 with MC 1,5/...-G-3,5 P26 THR

Dimensional drawing



Approvals

Approvals

Approvals


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


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## Approvals


Ex Approvals

### Approval details

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	
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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	

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PHOENIX CONTACT GmbH & Co. KG  
 Flachsmarktstr. 8  
 32825 Blomberg  
 Germany  
 Tel. +49 5235 300  
 Fax +49 5235 3 41200  
<http://www.phoenixcontact.com>