

# Printed-circuit board connector - MC 1,5/12-G-3,81 P20 THRR72 - 1782679


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: 12, Pitch: 3.81 mm, Color: black, Contact surface: Tin, Mounting: SMD/THT/THR, User information and design recommendations for through hole reflow technology can be found under "Downloads"



## Key commercial data

Packing unit	380 pc
Minimum order quantity	380 pc
GTIN	 4 046356 550598
Weight per Piece (excluding packing)	2.08 g
Custom tariff number	85366990
Country of origin	Germany
Note	Made to Order (non-returnable)

## Technical data

### Dimensions

Length	9.2 mm
Height	8.9 mm
Width	47.11 mm
Pitch	3.81 mm
Dimension a	41.91 mm
Pin dimensions	0,8 x 0,8 mm
Hole diameter	1.4 mm

### General

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

# Printed-circuit board connector - MC 1,5/12-G-3,81 P20 THRR72 - 1782679

## Technical data

### General

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
Insulating material	LCP
Inflammability class according to UL 94	V0
Color	black
Number of positions	12

## 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

### ETIM

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

## Approvals

### Approvals

---

### Approvals

UL Recognized / cUL Recognized / VDE Gutachten mit Fertigungsüberwachung / EAC / cULus Recognized

---

# Printed-circuit board connector - MC 1,5/12-G-3,81 P20 THRR72 - 1782679

## Approvals

Ex Approvals

---

Approvals submitted

---

### Approval details

UL Recognized		
	B	D
Nominal current I <sub>N</sub>	8 A	8 A
Nominal voltage U <sub>N</sub>	300 V	300 V

cUL Recognized		
	B	D
Nominal current I <sub>N</sub>	8 A	8 A
Nominal voltage U <sub>N</sub>	300 V	300 V

VDE Gutachten mit Fertigungsüberwachung	
Nominal current I <sub>N</sub>	8 A
Nominal voltage U <sub>N</sub>	160 V

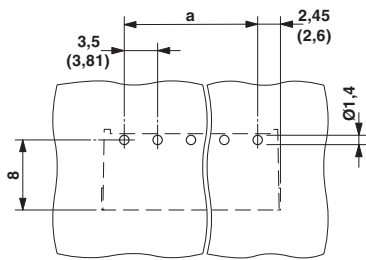
EAC
-----

cULus Recognized
------------------

## Drawings

# Printed-circuit board connector - MC 1,5/12-G-3,81 P20 THRR72 - 1782679

Drilling diagram



Dimensioned drawing

