

# Printed-circuit board connector - DMC 0,5/10-G1-2,54 P20THR R44 - 1844808

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Header, Nominal current: 6 A, Rated voltage (III/2): 160 V, Number of positions: 10, Pitch: 2.54 mm, Color: black, Contact surface: Gold, Mounting: THR soldering, Sample values available under SAMPLE DMC...



The figure shows a 10-pos. version with 20 contacts

## Why buy this product

- ✓ Gold-plated contacts ensure transfer quality remains stable over the long term
- ✓ Designed for integration into the SMT soldering process
- ✓ Conductor connection on several levels enables higher contact density
- ✓ Small component size for applications where space is at a premium
- ✓ Supplied in tape-on-reel packing according to IEC 60286-3 for automated mounting



## Key Commercial Data

Packing unit	1 STK
Minimum order quantity	300 STK
GTIN	
GTIN	4046356964159
Weight per Piece (excluding packing)	4.065 g
Custom tariff number	85366930
Country of origin	Germany

## Technical data

### Dimensions

Length	9.64 mm
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## Technical data

### Dimensions

Pitch	2.54 mm
Dimension a	22.86 mm
Width	25.90 mm
Constructional height	7.39 mm
Height	9.39 mm
Length of the solder pin	2 mm
Pin dimensions	0,64 x 0,64 mm
Pin spacing	2.54 mm
Hole diameter	1.2 mm

### General

Range of articles	DMC 0,5/...G1-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
Rated voltage (III/3)	32 V
Rated voltage (III/2)	160 V
Rated voltage (II/2)	160 V
Connection in acc. with standard	EN-VDE
Nominal current I <sub>N</sub>	6 A
Insulating material	LCP
Flammability rating according to UL 94	V0
Color	black
Number of positions	10

### Standards and Regulations

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

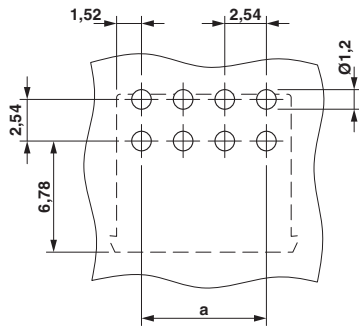
### Environmental Product Compliance

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

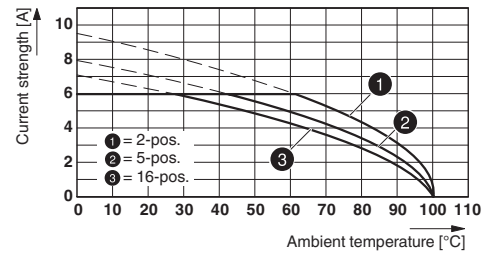
## Drawings

# Printed-circuit board connector - DMC 0,5/10-G1-2,54 P20THR R44 - 1844808

Drilling diagram

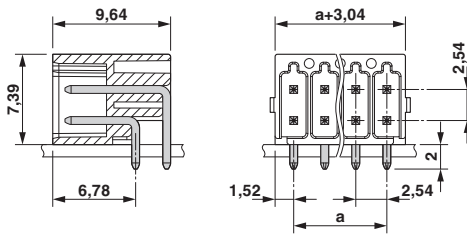


Diagram



Type: DFMC 0,5/...-ST-2,54 with DMC 0,5/...-G1-2,54 P20THR R...

Dimensional drawing



## Classifications

eCl@ss

eCl@ss 5.1	27260701
eCl@ss 6.0	27260704
eCl@ss 8.0	27440402
eCl@ss 9.0	27440402

ETIM

ETIM 4.0	EC002637
ETIM 5.0	EC002637
ETIM 6.0	EC002637

UNSPSC

UNSPSC 13.2	39121409
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## Approvals

Approvals

# Printed-circuit board connector - DMC 0,5/10-G1-2,54 P20THR R44 - 1844808


## Approvals


### Approvals


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


### Ex Approvals

### Approval details

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>	E60425-19920306
		B	C
Nominal current IN		6 A	6 A
Nominal voltage UN		150 V	50 V

VDE Gutachten mit Fertigungsüberwachung		<a href="http://www.vde.com/en/Institute/OnlineService/VDE-approved-products/Pages/Online-Search.aspx">http://www.vde.com/en/Institute/OnlineService/VDE-approved-products/Pages/Online-Search.aspx</a>	40042389
Nominal current IN		6 A	
Nominal voltage UN		160 V	

IECEE CB Scheme		<a href="http://www.iecee.org/">http://www.iecee.org/</a>	DE1-55740
Nominal current IN		6 A	
Nominal voltage UN		160 V	

EAC			B.01742
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## Accessories

### Accessories

Labeled terminal marker

## Printed-circuit board connector - DMC 0,5/10-G1-2,54 P20THR R44 - 1844808

### Accessories

Marker card - SK 2,54/2,8:FORTL.ZAHLEN - 0804853



Marker card, Card, white, labeled, Horizontal: Consecutive numbers 1 - 10, 11 - 20, etc. up to 91 - 99, Mounting type: Adhesive, for terminal block width: 2.54 mm, Lettering field: 2.54 x 2.8 mm

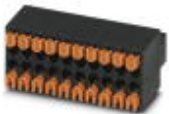
Sample set - SAMPLE DMC 0,5/10-G1-2,54 THR - 1859576



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### Additional products

Printed-circuit board connector - DFMC 0,5/10-ST-2,54 - 1844659



Plug, nominal current: 6 A, rated voltage (III/2): 160 V, number of positions: 10 with 20 contacts, pitch: 2.54 mm, connection method: spring connection, color: black, contact surface: gold