

Printed-circuit board connector - DMC 0,5/12-G1-2,54 P20THR R72 - 1844824

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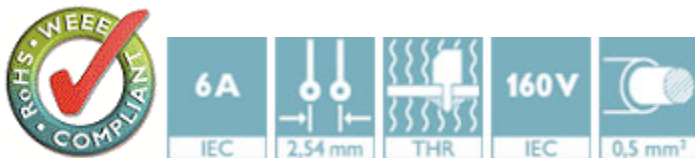
Header, Nominal current: 6 A, Rated voltage (III/2): 160 V, Number of positions: 12, Pitch: 2.54 mm, Color: black, Contact surface: Gold, Mounting: THR soldering, Sample values available under SAMPLE DMC...



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 process
- ✓ Conductor connection on several levels enables higher contact density



Key Commercial Data

Packing unit	1 STK
Minimum order quantity	300 STK
Custom tariff number	85366990
Country of origin	Germany

Technical data

Environmental Product Compliance

China RoHS	No hazardous substances above threshold values
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Dimensions

Length	9.64 mm
Pitch	2.54 mm
Dimension a	27.94 mm
Width	30.98 mm

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Technical data

Dimensions

Height	7.39 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_N	6 A
Insulating material	LCP
Flammability rating according to UL 94	V0
Color	black
Number of positions	12

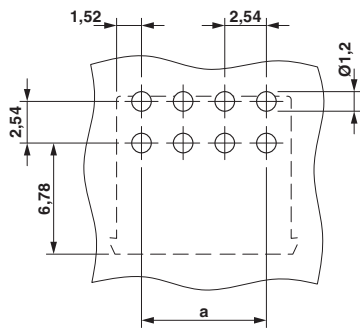
Standards and Regulations

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

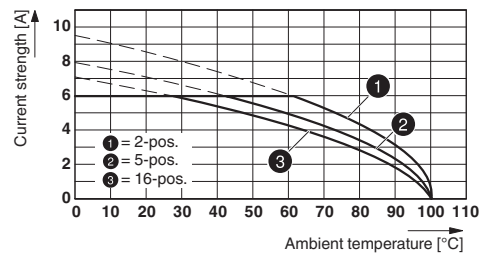
Drawings

Printed-circuit board connector - DMC 0,5/12-G1-2,54 P20THR
R72 - 1844824

Drilling diagram

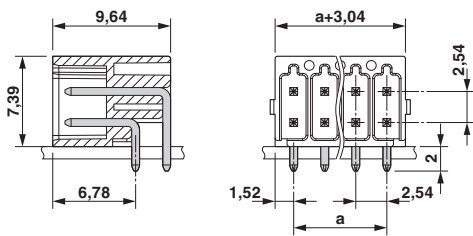


Diagram



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

Approvals

Approvals

Approvals

cULus Recognized / VDE Gutachten mit Fertigungsüberwachung / IEC60950 CB Scheme / EAC

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Approvals

Ex Approvals

Approval details

cULus Recognized http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm E60425-19920306		
	B	C
Nominal current I _N	6 A	6 A
Nominal voltage U _N	150 V	50 V

VDE Gutachten mit Fertigungsüberwachung  http://www.vde.de 40042389	
Nominal current I _N	6 A
Nominal voltage U _N	160 V

IECEE CB Scheme  http://www.iecee.org/ DE1-55740	
Nominal current I _N	6 A
Nominal voltage U _N	160 V

EAC B.01742

Accessories

Accessories

Labeled terminal marker

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

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Accessories

Sample set - SAMPLE DMC 0,5/12-G1-2,54 THR - 1859592



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Additional products

Printed-circuit board connector - DFMC 0,5/12-ST-2,54 - 1844675



Plug, nominal current: 6 A, rated voltage (III/2): 160 V, number of positions: 12 with 24 contacts, pitch: 2.54 mm, connection method: spring connection, color: black, contact surface: gold