

Printed-circuit board connector - MC 0,5/ 3-G-2,54 P20THRR24C2 - 1706205

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Header, nominal current: 6 A, rated voltage (III/2): 160 V, number of positions: 3, pitch: 2.54 mm, color: black, contact surface: Gold, mounting: THR soldering, Fixed coding of the last position, can be combined with the FMC 0,5/...-ST-2,54 C2 connector



The figure shows the 10-position version

Why buy this product

- ✓ Designed for integration into the SMT soldering process
- ✓ Additional solder anchors reduce the mechanical strain on the soldering spots
- ✓ Gold-plated contacts ensure transfer quality remains stable over the long term
- ✓ Supplied in tape-on-reel packing according to IEC 60286-3 for automated mounting



Key Commercial Data

Packing unit	1 STK
Minimum order quantity	465 STK
GTIN	 4 046356 841566
GTIN	4046356841566
Weight per Piece (excluding packing)	1.380 g
Custom tariff number	85366930
Country of origin	Germany

Technical data

Dimensions

Length [l]	7.1 mm
Pitch	2.54 mm

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Technical data

Dimensions

Dimension a	5.08 mm
Width [w]	12.16 mm
Height [h]	4.8 mm
Length of the solder pin	2 mm
Pin dimensions	0,64 x 0,64 mm
Hole diameter	1.2 mm

General

Range of articles	MC 0,5/...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
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	3

Standards and Regulations

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

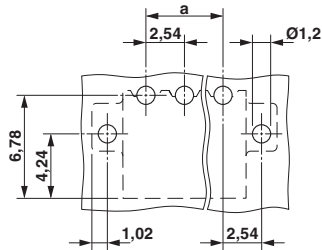
Environmental Product Compliance

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

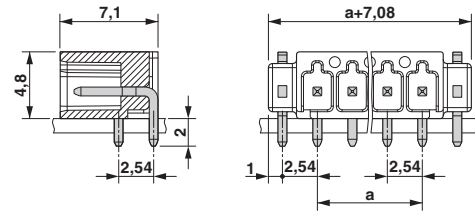
Drawings

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Drilling diagram



Dimensional drawing



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
ETIM 6.0	EC002637

UNSPSC

UNSPSC 6.01	30211810
UNSPSC 7.0901	39121409
UNSPSC 11	39121409
UNSPSC 12.01	39121409
UNSPSC 13.2	39121409

Approvals

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cULus Recognized / VDE Gutachten mit Fertigungsüberwachung / IECCEB 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 IN		6 A	6 A
Nominal voltage UN		150 V	50 V

VDE Gutachten mit Fertigungsüberwachung		http://www.vde.com/en/Institute/OnlineService/VDE-approved-products/Pages/Online-Search.aspx	40042258
Nominal current IN		6 A	
Nominal voltage UN		160 V	

IECEE CB Scheme		http://www.iecee.org/	DE1-55663-B1
Nominal current IN		6 A	
Nominal voltage UN		160 V	

EAC			B.01742
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Accessories

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Labeled terminal marker

Printed-circuit board connector - MC 0,5/ 3-G-2,54 P20THRR24C2 - 1706205

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 size: 2.54 x 2.8 mm

Additional products

Printed-circuit board connector - FMC 0,5/ 3-ST-2,54 C2 - 1706242



Plug component, nominal current: 6 A, rated voltage (III/2): 160 V, number of positions: 3, pitch: 2.54 mm, connection method: Push-in spring connection, color: black, contact surface: Gold, Fixed coding of last position; can be combined with MC(V) 0,5/...-G-2,54...C2 headers