

Printed-circuit board connector - MCDN 1,5/ 8-G1-3,81 P26THR - 1749586

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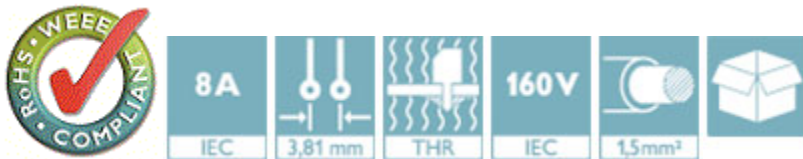


Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 8, Pitch: 3.81 mm, Color: black, Contact surface: Tin, Mounting: THR soldering, The pin length is 2.6 mm. User information and design recommendations on Through Hole Reflow Technology can be found at: "Downloads"

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

Why buy this product

- Versions with engagement noses for locking plugs with self-locking flanges
- Plug-in direction parallel to the PCB
- Low-profile THR double-level pin strips with compact pitches of 3.5 mm and 3.81 mm
- Without offset levels, for flush installation on the front of devices
- Use in SMT reflow processes



Key Commercial Data

Packing unit	1 STK
Minimum order quantity	50 STK
Weight per Piece (excluding packing)	20.000 g
Custom tariff number	85366990
Country of origin	Bulgaria

Technical data

Environmental Product Compliance

China RoHS	No hazardous substances above threshold values
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Dimensions

Length	13.3 mm
Pitch	3.81 mm
Dimension a	26.67 mm

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Technical data

Dimensions

Width	31.57 mm
Constructional height	15.2 mm
Height	17.8 mm
Length of the solder pin	2.6 mm
Pin dimensions	0,8 x 0,8
Pin spacing	3.50 mm
Hole diameter	1.4 mm

General

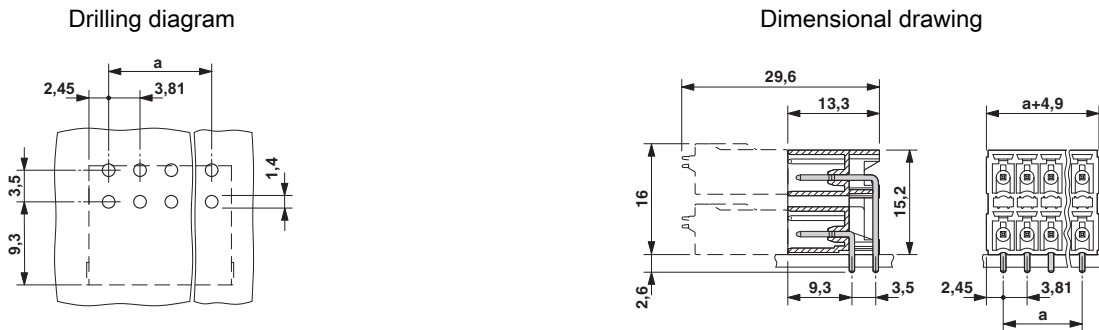
Range of articles	MCDN 1,5/...-G1-THR
Insulating material group	IIIa
Rated surge voltage (III/3)	2.5 kV
Rated surge voltage (III/2)	2.5 kV
Rated surge voltage (II/2)	2.5 kV
Rated voltage (III/3)	160 V
Rated voltage (III/2)	160 V
Rated voltage (II/2)	250 V
Connection in acc. with standard	EN-VDE
Nominal current I _N	8 A
Maximum load current	8 A (per position)
Insulating material	LCP
Flammability rating according to UL 94	V0
Color	black
Number of positions	8

Standards and Regulations

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

Drawings

Printed-circuit board connector - MCDN 1,5/ 8-G1-3,81 P26THR - 1749586



*) ≤ 8-pos. = 1.3 / > 8-pos. = 1.4

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

UNSPSC

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

Approvals

Approvals

Approvals


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

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Approvals

Ex Approvals

Approval details


VDE Gutachten mit Fertigungsüberwachung  <http://www.vde.de> 40011723

Nominal current IN	8 A
Nominal voltage UN	160 V

EAC EAC-Zulassung

cULus Recognized <http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm> E60425-20110128

	B	D
Nominal current IN	8 A	8 A
Nominal voltage UN	150 V	150 V

IECEE CB Scheme  <http://www.iecee.org/> DE1-56063-B1B2

Nominal current IN	8 A
Nominal voltage UN	160 V

EAC B.01742

Accessories

Accessories

Coding element

Coding profile - CP-MSTB - 1734634

Coding profile, is inserted into the slot on the plug or inverted header, red insulating material



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Accessories

Labeled terminal marker

Marker card - SK 3,81/2,8:FORTL.ZAHLEN - 0804109



Marker card, Card, white, labeled, Horizontal: Consecutive numbers 1 - 10, 11 - 20, etc. up to 91 - (99)100, Mounting type: Adhesive, for terminal block width: 3.81 mm, Lettering field: 3.81 x 2.8 mm

Additional products

Printed-circuit board connector - FMC 1,5/ 8-ST-3,81 - 1748037



Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 8, Pitch: 3.81 mm, Connection method: Push-in spring connection, Color: green, Contact surface: Tin
