PCB terminal block - MPT 0,5/ 2-2,54 BK - 1800001

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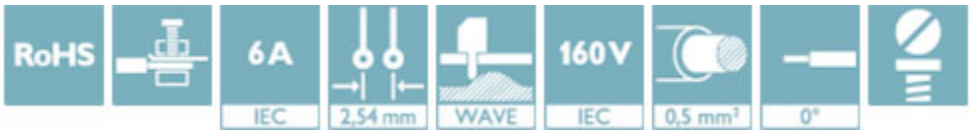
PCB terminal block, nominal current: 6 A, nom. voltage: 160 V, pitch: 2.54 mm, number of positions: 2, connection method: Screw connection with tension sleeve, mounting: Wave soldering, conductor/PCB connection direction: 0 °, color: black

Why buy this product

- Well-known connection principle allows worldwide use
- Low temperature rise, thanks to maximum contact force
- Allows connection of two conductors
- Extremely small design for the respective conductor cross section



Key Commercial Data

Packing unit	1 STK
Minimum order quantity	50 STK
GTIN	4 046356 034760
GTIN	4046356034760
Weight per Piece (excluding packing)	0.720 g
Custom tariff number	85369010
Country of origin	Germany

Technical data

Dimensions

Length [l]	6.2 mm
Pitch	2.54 mm
Dimension a	2.54 mm
Width [w]	5.54 mm
Constructional height	8.5 mm
Height [h]	12 mm
Solder pin [P]	3.5 mm
Pin dimensions	0,5 x 0,9 mm
Hole diameter	1.1 mm

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Technical data

General

Range of articles	MPT 0,5
Rated surge voltage (III/3)	1.5 kV
Rated surge voltage (III/2)	1.5 kV
Rated surge voltage (II/2)	2.5 kV
Rated voltage (III/3)	63 V
Rated voltage (III/2)	160 V
Rated voltage (II/2)	320 V
Connection in acc. with standard	EN-VDE
Nominal current I_N	6 A
Nominal cross section	0.5 mm²
Solder pin surface	Sn
Stripping length	4.5 mm
Number of positions	2
Screw thread	M1,6
Tightening torque, min	0.12 Nm
Tightening torque max	0.15 Nm

Connection data

Conductor cross section AWG min.	26
Conductor cross section AWG max.	20
2 conductors with same cross section, solid min.	0.14 mm²
2 conductors with same cross section, solid max.	0.34 mm²
2 conductors with same cross section, stranded min.	0.14 mm²
2 conductors with same cross section, stranded max.	0.34 mm²

Standards and Regulations

Connection in acc. with standard	EN-VDE
	CSA

Environmental Product Compliance

China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab “Downloads”, Category “Manufacturer's declaration”

Classifications

eCl@ss

eCl@ss 4.0	27141109
eCl@ss 4.1	27141109

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Classifications

eCl@ss

eCl@ss 5.0	27141190
eCl@ss 5.1	27141190
eCl@ss 6.0	27261101
eCl@ss 7.0	27440401
eCl@ss 8.0	27440401
eCl@ss 9.0	27440401

ETIM

ETIM 3.0	EC001121
ETIM 4.0	EC002643
ETIM 5.0	EC002643
ETIM 6.0	EC002643

UNSPSC

UNSPSC 6.01	30211801
UNSPSC 7.0901	39121432
UNSPSC 11	39121432
UNSPSC 12.01	39121432
UNSPSC 13.2	39121432

Approvals

Approvals

Approvals

CSA / EAC / cULus Recognized

Ex Approvals

Approval details

CSA		http://www.csagroup.org/services-industries/product-listing/	13631

	B
mm²/AWG/kcmil	28-20
Nominal current IN	6 A

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Approvals

	B
Nominal voltage UN	125 V

EAC		B.01742

cULus Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	E60425-19770427

	B
mm²/AWG/kcmil	30-20
Nominal current IN	6 A
Nominal voltage UN	125 V

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