

Printed-circuit board connector - MSTBA 2,5/ 8-G-5,08-LR - 1809131

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Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 8, Pitch: 5.08 mm, Color: green, Contact surface: Tin, Mounting: Wave soldering



The figure shows a 5-pos. version of the product

Why buy this product

- ✓ Maximum flexibility when it comes to device design – one header for connectors with different connection technologies
- ✓ Well-known mounting principle allows worldwide use
- ✓ Automatic locking and intuitive release through Lock and Release operating lever in contrasting color
- ✓ Closed contour for optimum stability of the plug-in connection



Key Commercial Data

Packing unit	50 STK
Minimum order quantity	50 STK
GTIN	
GTIN	4046356702584
Weight per Piece (excluding packing)	4.390 g
Custom tariff number	85366990
Country of origin	Germany

Technical data

Dimensions

Length	12 mm
Pitch	5.08 mm
Dimension a	35.56 mm
Constructional height	8.6 mm
Height	11.9 mm
Length of the solder pin	3.3 mm
Pin dimensions	1 x 1 mm

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Technical data

Dimensions

Hole diameter	1.4 mm
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General

Range of articles	MSTBA 2,5/...-G-LR
Insulating material group	IIIa
Rated surge voltage (III/3)	4 kV
Rated surge voltage (III/2)	4 kV
Rated surge voltage (II/2)	4 kV
Rated voltage (III/3)	250 V
Rated voltage (III/2)	320 V
Rated voltage (II/2)	400 V
Connection in acc. with standard	EN-VDE
Nominal current I_N	12 A
Maximum load current	12 A
Insulating material	PBT
Flammability rating according to UL 94	V0
Color	green
Number of positions	8

Standards and Regulations

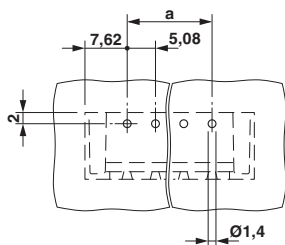
Connection in acc. with standard	EN-VDE
	CUL
Flammability rating according to UL 94	V0

Environmental Product Compliance

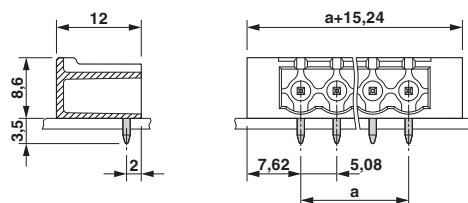
China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

Drawings

Drilling diagram



Dimensional drawing



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Classifications

eCl@ss

eCl@ss 4.0	272607xx
eCl@ss 4.1	27260701
eCl@ss 5.0	27260701
eCl@ss 5.1	27141190
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


Approvals

Approvals

cULus Recognized / EAC

Ex Approvals

Approval details

cULus Recognized		http://database.ul.com/cgi-bin/XYVV/template/LISEXT/1FRAME/index.htm	E60425-19931011
	B	D	
Nominal current IN	15 A	10 A	
Nominal voltage UN	300 V	300 V	

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Approvals

EAC		B.01742
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Accessories

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Coding element

Coding star - CR-MSTB - 1734401



Coding section, inserted into the recess in the header or the inverted plug, red insulating material

Filler plug

Accessories - MSTB-BL - 1755477



Keying cap, for forming sections, plugs onto header pin, green insulating material

Labeled terminal marker

Marker card - SK 5,08/3,8:FORTL.ZAHLEN - 0804293



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: 5.08 mm, Lettering field: 5.08 x 3.8 mm