

Plug - MSTBP 2,5/24-ST-5,08 - 1769696

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Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 24, Pitch: 5.08 mm, Connection method: Screw connection with tension sleeve, Color: green, Contact surface: Tin



The figure shows a 10-position version of the product



Key Commercial Data

Packing unit	1 pc
GTIN	 4 017918 035013
Weight per Piece (excluding packing)	43.54 g
Custom tariff number	85366990
Country of origin	Poland

Technical data

Dimensions

Width	121.92 mm
Pitch	5.08 mm
Dimension a	116.84 mm

General

Range of articles	MSTBP 2,5/...-ST
Insulating material group	I
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

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Technical data

General

Rated voltage (III/2)	320 V
Rated voltage (II/2)	630 V
Connection in acc. with standard	EN-VDE
Nominal current I_N	12 A
Nominal cross section	2.5 mm ²
Maximum load current	12 A
Insulating material	PA
Flammability rating according to UL 94	V0
Internal cylindrical gage	A3
Stripping length	7 mm
Number of positions	24
Screw thread	M3
Tightening torque, min	0.5 Nm
Tightening torque max	0.6 Nm

Connection data

Conductor cross section solid min.	0.2 mm ²
Conductor cross section solid max.	2.5 mm ²
Conductor cross section flexible min.	0.2 mm ²
Conductor cross section flexible max.	2.5 mm ²
Conductor cross section flexible, with ferrule without plastic sleeve min.	0.25 mm ²
Conductor cross section flexible, with ferrule without plastic sleeve max.	2.5 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.25 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve max.	2.5 mm ²
Conductor cross section AWG min.	24
Conductor cross section AWG max.	12
2 conductors with same cross section, solid min.	0.2 mm ²
2 conductors with same cross section, solid max.	1 mm ²
2 conductors with same cross section, stranded min.	0.2 mm ²
2 conductors with same cross section, stranded max.	1.5 mm ²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	0.25 mm ²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	1 mm ²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	0.5 mm ²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	1.5 mm ²
Minimum AWG according to UL/CUL	30

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Technical data

Connection data

Maximum AWG according to UL/CUL	12
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Standards and Regulations

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

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	27440309
eCl@ss 9.0	27440309

ETIM

ETIM 3.0	EC001121
ETIM 4.0	EC002638
ETIM 5.0	EC002638

UNSPSC

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

Approvals

Approvals

Approvals

CSA / VDE Gutachten mit Fertigungsüberwachung / IECCEB Scheme / EAC / cULus Recognized / EAC


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Approvals


Ex Approvals

Approvals submitted

Approval details

CSA 		
	B	D
mm²/AWG/kcmil	28-12	28-12
Nominal current I _N	10 A	10 A
Nominal voltage U _N	300 V	300 V

VDE Gutachten mit Fertigungsüberwachung 	
mm²/AWG/kcmil	0.2-2.5
Nominal current I _N	12 A
Nominal voltage U _N	250 V

IECEE CB Scheme 	
mm²/AWG/kcmil	0.2-2.5
Nominal current I _N	12 A
Nominal voltage U _N	250 V

EAC

cULus Recognized		
	B	D
mm²/AWG/kcmil	30-12	30-12
Nominal current I _N	15 A	10 A

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Approvals

	B	D
Nominal voltage UN	300 V	300 V

EAC

Accessories

Additional products

Base strip - MSTBW 2,5/24-G-5,08 - 1735662



Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 24, Pitch: 5.08 mm, Color: green,
Contact surface: Tin, Mounting: Wave soldering

Housing - MSTBVA 2,5/24-G-5,08 - 1755956



Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 24, Pitch: 5.08 mm, Color: green,
Contact surface: Tin, Mounting: Wave soldering

Base strip - MSTBA 2,5/24-G-5,08 - 1757462



Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 24, Pitch: 5.08 mm, Color: green,
Contact surface: Tin, Mounting: Wave soldering

Housing - MSTBV 2,5/24-G-5,08 - 1758238



Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 24, Pitch: 5.08 mm, Color: green,
Contact surface: Tin, Mounting: Wave soldering

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Accessories

Housing - MSTB 2,5/24-G-5,08 - 1759237



Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 24, Pitch: 5.08 mm, Color: green,
Contact surface: Tin, Mounting: Wave soldering

Housing - SMSTBA 2,5/24-G-5,08 - 1767591



Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 24, Pitch: 5.08 mm, Color: green,
Contact surface: Tin, Mounting: Wave soldering

Base strip - MSTBA 2,5/24-G-5,08-LA - 1768163



Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 24, Pitch: 5.08 mm, Color: green,
Contact surface: Tin, Mounting: Wave soldering

Base strip - SMSTB 2,5/24-G-5,08 - 1769683



Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 24, Pitch: 5.08 mm, Color: green,
Contact surface: Tin, Mounting: Wave soldering

Base strip - EMSTBA 2,5/24-G-5,08 - 1880520



Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 24, Pitch: 5.08 mm, Color: green,
Contact surface: Tin, Mounting: Press-in technology

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Accessories

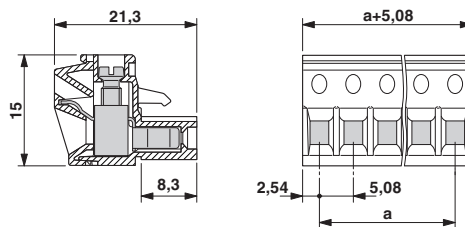
Base strip - EMSTBVA 2,5/24-G-5,08 - 1915958



Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 24, Pitch: 5.08 mm, Color: green,
Contact surface: Tin, Mounting: Press-in technology

Drawings

Dimensional drawing



Mouser Electronics

Authorized Distributor

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