

Printed-circuit board connector - GMSTB 2,5/ 9-STF-7,62 - 1858837

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Plug component, Nominal current: 12 A, Rated voltage (III/2): 630 V, Number of positions: 9, Pitch: 7.62 mm, Connection method: Screw connection, Color: green, Contact surface: Tin



The figure shows a 10-position version of the product

Why buy this product

- ☒ Plug-in direction parallel to the conductor axis
- ☒ Plugs for 630 V applications (III/2)
- ☒ FRONT-GMSTB 2,5 plug with front screw connection



Key Commercial Data

Packing unit	50 pc
GTIN	 4 017918 105907
Weight per Piece (excluding packing)	17.99 g
Custom tariff number	85366990
Country of origin	Germany
Note	Made to Order (non-returnable)

Technical data

Dimensions

Pitch	7.62 mm
Dimension a	60.96 mm

General

Range of articles	GMSTB 2,5/...STF
Insulating material group	I
Rated surge voltage (III/3)	6 kV
Rated surge voltage (III/2)	6 kV
Rated surge voltage (II/2)	6 kV
Rated voltage (III/3)	400 V
Rated voltage (III/2)	630 V

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Technical data

General

Rated voltage (II/2)	1000 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	9
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 mm ²
Minimum AWG according to UL/CUL	30
Maximum AWG according to UL/CUL	12

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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	27260701
eCl@ss 6.0	27260704
eCl@ss 7.0	27440402
eCl@ss 8.0	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

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UL Recognized / VDE Gutachten mit Fertigungsüberwachung / cUL Recognized / EAC / IECCE CB Scheme / cULus Recognized

Ex Approvals

Approvals submitted

Approval details

UL 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

VDE Gutachten mit Fertigungsüberwachung 	
mm²/AWG/kcmil	0.2-2.5
Nominal current IN	12 A
Nominal voltage UN	400 V

cUL Recognized 		
	B	D
mm²/AWG/kcmil	30-12	30-12
Nominal current I _N	15 A	10 A
Nominal voltage U _N	300 V	300 V

EAC

IECEE CB Scheme 	
mm²/AWG/kcmil	0.2-2.5
Nominal current IN	12 A
Nominal voltage UN	400 V

cULus Recognized 	
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Accessories

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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 7,62/3,8:FORTL.ZAHLEN - 0804549



Marker card, Card, white, labeled, Horizontal: Consecutive numbers 1 - 10, 11 - 20, etc. up to 91 - 100, Mounting type: Adhesive, for terminal block width: 7.62 mm, Lettering field: 7.62 x 3.8 mm

Screwdriver tools

Screwdriver - SZS 0,6X3,5 - 1205053



Actuation tool, for ST terminal blocks, insulated, also suitable for use as a bladed screwdriver, size: 0.6 x 3.5 x 100 mm, 2-component grip, with non-slip grip

Drawings

Dimensional drawing

