

Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from, Europe, America and south Asia, supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts, Customers Priority, Honest Operation, and Considerate Service", our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip, ALPS, ROHM, Xilinx, Pulse, ON, Everlight and Freescale. Main products comprise IC, Modules, Potentiometer, IC Socket, Relay, Connector. Our parts cover such applications as commercial, industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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## **GMSTB 2,5/3-ST**

Order No.: 1766893

The figure shows a 10-position version of the product



http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1766893

Plug component, Nominal current: 12 A, Nom. voltage: 400 V, Pitch: 7.5 mm, Number of positions: 3, Connection type: Screw connection,

Color: green

Commercial data		
EAN	4017918032913	
Pack	50 pcs.	
Customs tariff	85366990	
Weight/Piece	0.00596 KG	
Catalog page information	Page 266 (CC-2009)	

### Product notes

WEEE/RoHS-compliant since: 01/01/2003



#### http://

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#### **Technical data**

#### **Dimensions / positions**

Pitch	7.5 mm
Dimension a	15 mm
Number of positions	3
Screw thread	M3

Tightening torque, min	0.5 Nm
Tightening torque max	0.6 Nm
Technical data	
Insulating material group	1
Rated surge voltage (III/3)	6 kV
Rated surge voltage (III/2)	6 kV
Rated surge voltage (II/2)	6 kV
Rated voltage (III/2)	630 V
Rated voltage (II/2)	1000 V
Connection in acc. with standard	EN-VDE
Nominal current I <sub>N</sub>	12 A
Nominal voltage U <sub>N</sub>	400 V
Nominal cross section	2.5 mm <sup>2</sup>
Maximum load current	12 A
Insulating material	PA
Inflammability class acc. to UL 94	V0
Internal cylindrical gage	A3
Stripping length	7 mm
Connection data	
Conductor cross section solid min.	0.2 mm²
Conductor cross section solid max.	2.5 mm²
Conductor cross section stranded min.	0.2 mm <sup>2</sup>
Conductor cross section stranded max.	2.5 mm <sup>2</sup>
Conductor cross section stranded, with ferrule without plastic sleeve min.	0.25 mm <sup>2</sup>
Conductor cross section stranded, with ferrule without plastic sleeve max.	2.5 mm²
Conductor cross section stranded, with ferrule with plastic sleeve min.	0.25 mm <sup>2</sup>
Conductor cross section stranded, with ferrule with plastic sleeve max.	2.5 mm <sup>2</sup>
Conductor cross section AWG/kcmil min.	24
Conductor cross section AWG/kcmil max	12
2 conductors with same cross section, solid min.	0.2 mm²
2 conductors with same cross section, solid max.	1 mm²

2 conductors with same cross section, stranded min.	0.2 mm <sup>2</sup>
2 conductors with same cross section, stranded max.	1.5 mm <sup>2</sup>
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	0.25 mm <sup>2</sup>
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	1 mm <sup>2</sup>
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	0.5 mm <sup>2</sup>
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	1 mm²

## **Certificates / Approvals**











Certification

CB, CSA, CUL, GOST, UL, VDE-PZI

#### CSA

Nominal voltage U <sub>N</sub>	300 V
Nominal current I <sub>N</sub>	10 A
AWG/kcmil	28-12

#### CUL

Nominal voltage U <sub>N</sub>	300 V
Nominal current I <sub>N</sub>	10 A
AWG/kcmil	30-12

#### UL

Nominal voltage U <sub>N</sub>	300 V
Nominal current I <sub>N</sub>	10 A
AWG/kcmil	30-12

## Accessories

Item	Designation	Description
General		
1803882	KGG-MSTB 2,5/ 4	Cable housing, Number of positions: 4, Dimension a: 20 mm, Color: green

#### Marking

1051993	B-STIFT	Marker pen, for manual labeling of unprinted Zack strips, smear-proof and waterproof, line thickness 0.5 mm
0804455	SK 7,5/3,8:FORTL.ZAHLEN	Marker card, self-adhesive, 10-section marker strip, 12 identical decades marked 1-10, 11-20 etc. up to 91-100, sufficient for 120 terminal blocks
0805137	SK 7,5/3,8:SO	Marker card, special printing, self-adhesive, labeled acc. to customer requirements, 12 identical marker strips per card, max. 25-position labeling per strip, color: white

#### Plug/Adapter

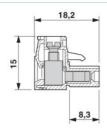
1734634	CP-MSTB	Keying profile, is inserted into the slot on the plug or inverted header, red insulating material
Tools	070.0.000.5	
1205053	SZS 0,6X3,5	Screwdriver, bladed, matches all screw terminal blocks up to 4.0 mm <sup>2</sup> connection cross section, blade: 0.6 x 3.5 mm, without VDE approval

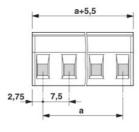
## **Additional products**

item	Designation	Description
General		
1766026	GMSTB 2,5/ 3-G	Header, Nominal current: 12 A, Nom. voltage: 400 V, Pitch: 7.5 mm, Number of positions: 3, Color: green, Assembly: Soldering
1766356	GMSTBA 2,5/ 3-G	Header, Nominal current: 12 A, Nom. voltage: 400 V, Pitch: 7.5 mm, Number of positions: 3, Color: green, Assembly: Soldering
1766466	GMSTBV 2,5/ 3-G	Header, Nominal current: 12 A, Nom. voltage: 400 V, Pitch: 7.5 mm, Number of positions: 3, Color: green, Assembly: Soldering
1766673	GMSTBVA 2,5/ 3-G	Header, Nominal current: 12 A, Nom. voltage: 400 V, Pitch: 7.5 mm, Number of positions: 3, Color: green, Assembly: Soldering

## Diagrams/Drawings

## Dimensioned drawing





#### Address

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