# imall

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!



# Contact us

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### MSTB 2,5/ 5-STF BK - 1970430

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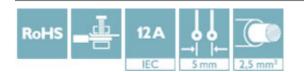
PCB connector, nominal current: 12 A, number of positions: 5, pitch: 5 mm, connection method: Screw connection with tension sleeve, color: black, contact surface: Tin



The figure shows a 10-position version of the product

#### Why buy this product

- ☑ Well-known connection principle allows worldwide use
- ☑ Low temperature rise, thanks to maximum contact force
- Screwable flange for superior mechanical stability
- Allows connection of two conductors



#### Key Commercial Data

Packing unit	50 STK
GTIN	4 046356 863735
GTIN	4046356863735

#### Technical data

#### Dimensions

Pitch	5 mm
Dimension a	20 mm

#### General

Range of articles	MSTB 2,5/STF
Type of contact	Female connector
Number of positions	5
Connection method	Screw connection with tension sleeve
Rated voltage (III/3)	250 V
Connection in acc. with standard	EN-VDE
Nominal current I <sub>N</sub>	12 A



# MSTB 2,5/ 5-STF BK - 1970430

#### Technical data

#### General

Nominal cross section	2.5 mm <sup>2</sup>		
Connection data			
Conductor cross section solid min.	0.2 mm <sup>2</sup>		
Conductor cross section solid max.	2.5 mm <sup>2</sup>		
Conductor cross section flexible min.	0.2 mm <sup>2</sup>		
Conductor cross section flexible max.	2.5 mm <sup>2</sup>		
Conductor cross section flexible, with ferrule without plastic sleeve min.	0.25 mm <sup>2</sup>		
Conductor cross section flexible, with ferrule without plastic sleeve max.	2.5 mm <sup>2</sup>		
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.25 mm <sup>2</sup>		
Conductor cross section flexible, with ferrule with plastic sleeve max.	2.5 mm <sup>2</sup>		
Conductor cross section AWG min.	24		
Conductor cross section AWG max.	12		
2 conductors with same cross section, solid min.	0.2 mm <sup>2</sup>		
2 conductors with same cross section, solid max.	1 mm <sup>2</sup>		
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 mm²		
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	1.5 mm <sup>2</sup>		

#### Standards and Regulations

Connection in acc. with standard	EN-VDE
	CSA

#### **Environmental Product Compliance**

REACh SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

#### Approvals

Approvals

#### Approvals

CSA / VDE Gutachten mit Fertigungsüberwachung / IECEE CB Scheme / cULus Recognized / EAC



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## MSTB 2,5/ 5-STF BK - 1970430

#### Approvals

Ex Approvals

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#### Approval details

CSA	<b>()</b>	http://www.csagroup.org/services-industries/product-listing/		LR13631-2585950	
		D		В	
Nominal voltage UN		300 V		300 V	
Nominal current IN		15 A		15 A	
mm²/AWG/kcmil		28-12		28-12	
VDE Gutachten mit Fertigungsüberwachung	VDE			stitut/Online-Service/ ten/Online-Suche.aspx	40004701
Nominal voltage UN			250 V		
Nominal current IN			12 A		
mm²/AWG/kcmil			0.2-2.5		
IECEE CB Scheme	<b>CB</b> scheme		http://www.ie	cee.org/	DE1-58978-B1B2
NI 1 1 10 11NI			050.14		

	scheme	·	
Nominal voltage UN		250 V	
Nominal current IN		12 A	
mm²/AWG/kcmil		0.2-2.5	

cULus Recognized	http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm E60425-19931011	
	D	В
Nominal voltage UN	150 V	300 V
Nominal current IN	15 A	15 A
mm²/AWG/kcmil	30-12	30-12



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