Printed-circuit board connector - MSTB 2,5/ 4-STF-5,08 AU - 1874374

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PCB connector, nominal current: 12 A, number of positions: 4, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, color: green, contact surface: Gold

Why buy this product

- Gold-plated contacts ensure transfer quality remains stable over the long term
- 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 017918 267445
GTIN	4017918267445

Technical data

Dimensions

Pitch	5.08 mm
Dimension a	15.24 mm

General

Range of articles	MSTB 2,5/..-STF
Type of contact	Female connector
Number of positions	4
Connection method	Screw connection with tension sleeve
Rated voltage (III/3)	250 V
Connection in acc. with standard	EN-VDE
Nominal current I_N	12 A
Nominal cross section	2.5 mm²

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Technical data

Connection data

Conductor cross section solid min.	0.2 mm²
Conductor cross section solid max.	2.5 mm²
Conductor cross section flexible min.	0.2 mm²
Conductor cross section flexible max.	2.5 mm²
Conductor cross section flexible, with ferrule without plastic sleeve min.	0.25 mm²
Conductor cross section flexible, with ferrule without plastic sleeve max.	2.5 mm²
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.25 mm²
Conductor cross section flexible, with ferrule with plastic sleeve max.	2.5 mm²
Conductor cross section AWG min.	24
Conductor cross section AWG 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 mm²
2 conductors with same cross section, stranded max.	1.5 mm²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	0.25 mm²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	1 mm²
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 mm²
Minimum AWG according to UL/CUL	30
Maximum AWG according to UL/CUL	12

Standards and Regulations

Connection in acc. with standard	EN-VDE
	CSA

Environmental Product Compliance

China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab “Downloads”, Category “Manufacturer's declaration”

Drawings

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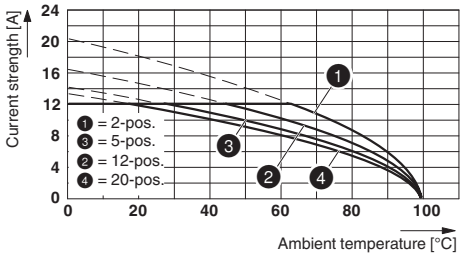
Diagram



Type: MSTB 2,5/...-STF(-5,08) AU with MSTBV 2,5/...-GF(-5,08) AU

Approvals

Approvals

Approvals

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

Ex Approvals

Approval details

VDE Gutachten mit Fertigungsüberwachung	VDE	http://www2.vde.com/de/Institut/Online-Service/VDE-gepruefteProdukte/Seiten/Online-Suche.aspx	40004701

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

IECEE CB Scheme	CB scheme	http://www.iecee.org/	DE1-58978-B1B2

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

cULus Recognized	c UL us	http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	E60425-19931011

	B	D
mm²/AWG/kcmil	30-12	30-12

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Approvals

	B	D
Nominal current IN	15 A	15 A
Nominal voltage UN	300 V	150 V

EAC		B.01742

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