Printed-circuit board connector - MSTBT 2,5 HC/ 4-STP GY7035 - 2200332

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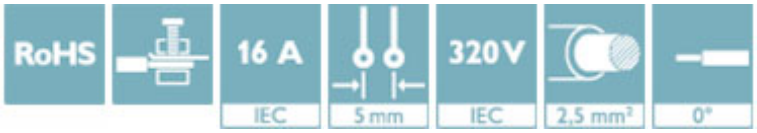
PCB connector, nominal current: 16 A, rated voltage (III/2): 320 V, number of positions: 4, pitch: 5 mm, connection method: Screw connection, color: light gray, contact surface: Tin

Why buy this product

- Headers and plugs for ME and ME MAX electronics housing
- 2 to 4-pos.
- 5 mm pitch
- Plug-in direction orthogonal to the PCB
- Touch proof



Key Commercial Data

Packing unit	50 pc
GTIN	4 046356 566285
GTIN	4046356566285

Technical data

Dimensions

Pitch	5 mm
Dimension a	15 mm

General

Range of articles	MSTBT 2,5 HC/..-STP
Number of positions	4
Connection method	Screw connection
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

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Technical data

General

Rated voltage (III/3)	250 V
Rated voltage (III/2)	320 V
Rated voltage (II/2)	630 V
Connection in acc. with standard	EN-VDE
Nominal current I_N	16 A
Nominal cross section	2.5 mm²
Maximum load current	16 A (with a 2.5 mm² conductor cross section)
Insulating material	PA
Flammability rating according to UL 94	V0
Internal cylindrical gage	A3
Stripping length	7 mm
Screw thread	M3
Tightening torque, min	0.5 Nm
Tightening torque max	0.6 Nm

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

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Standards and Regulations

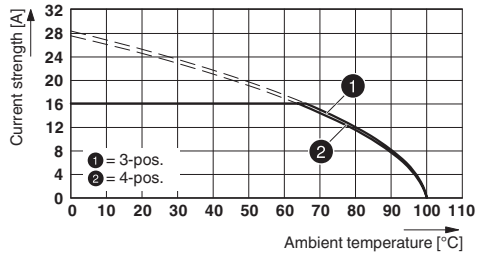
Connection in acc. with standard	EN-VDE
	CUL
Flammability rating according to UL 94	V0

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”

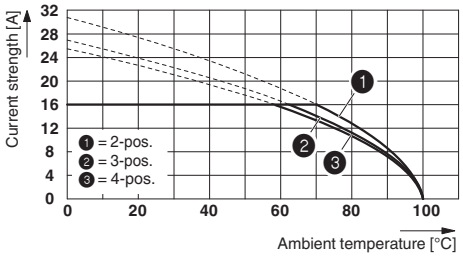
Drawings

Diagram



Type: MSTBT 2,5 HC/...-STF with ICC20(25)-H/...L(R)5,0-...

Diagram



Derating curve for: MSTBT 2,5 HC/...-STP GY7035 with MSTBO 2,5/...-G1PL(R) GY7035

Approvals

Approvals

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EAC / cULus Recognized

Ex Approvals

Approval details

EAC	EAC	B.01742

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Approvals

cULus Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	E60425-19931012

	D	B
Nominal voltage UN	300 V	300 V
Nominal current IN	10 A	16 A
mm²/AWG/kcmil	30-12	30-12

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