Printed-circuit board connector - MSTBT 2,5 HC/ 3-STP GY7035 - 2200333

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Plug component, Nominal current: 16 A, Rated voltage (III/2): 320 V, Number of positions: 3, Pitch: 5 mm, Connection method: Screw connection

Product Features

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

Key commercial data

Packing unit	1 1
Minimum order quantity	50 1
Custom tariff number	85366990
Country of origin	Germany

Technical data

Dimensions

Pitch	5 mm
Dimension a	10 mm

General

Range of articles	MSTBT 2,5 HC/..-STP
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
Rated voltage (III/3)	250 V

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Technical data

General

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 2.5 mm² conductor cross section)
Insulating material	PA
Inflammability class according to UL 94	V0
Internal cylindrical gage	A3
Stripping length	7 mm
Number of positions	3
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 stranded min.	0.2 mm²
Conductor cross section stranded max.	2.5 mm²
Conductor cross section stranded, with ferrule without plastic sleeve min.	0.25 mm²
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 mm²
Conductor cross section stranded, with ferrule with plastic sleeve max.	2.5 mm²
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 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

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Technical data

Connection data

Maximum AWG according to UL/CUL	12

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	27440402

ETIM

ETIM 3.0	EC001121
ETIM 4.0	EC002637
ETIM 5.0	EC002637

UNSPSC

UNSPSC 6.01	30211810
UNSPSC 7.0901	39121409
UNSPSC 11	39121409
UNSPSC 12.01	39121409
UNSPSC 13.2	39121409

Approvals

Approvals

Approvals

UL Recognized / cUL Recognized / GOST / cULus Recognized

Ex Approvals

Approvals submitted

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Approvals

Approval details

UL Recognized

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

cUL Recognized

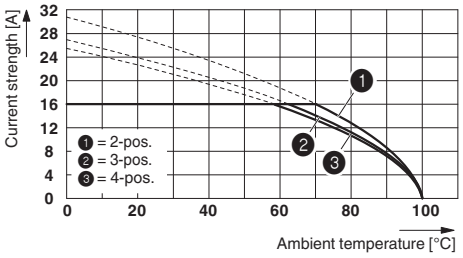
	B	D
mm²/AWG/kcmil	30-12	30-12
Nominal current IN	16 A	10 A
Nominal voltage UN	300 V	300 V

GOST

cULus Recognized

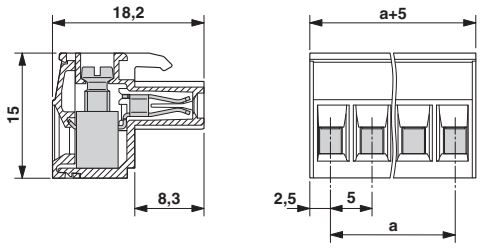
Drawings

Diagram



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

Dimensioned drawing



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