

Printed-circuit board connector - TVMSTB 2,5/ 6-STF-5,08 - 1719134

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)

Plug component, Nominal current: 12 A, Rated voltage (III/2): 400 V, Number of positions: 6, Pitch: 5.08 mm, Connection method: Screw connection, Color: green, Contact surface: Tin



The illustration shows the 10-position version

Product Features

- Compact TWIN screw plug with conductor exits perpendicular to the plug-in direction
- 2.3 mm Ø test connection
- User-friendly double conductor connection for potential/signal distribution directly on the device
- Function of subsequent devices is retained when removing individual plugs in a device series



Key commercial data

Packing unit	1 pc
Minimum order quantity	50 pc
Weight per Piece (excluding packing)	20.8 GRM
Custom tariff number	85366990
Country of origin	Germany

Technical data

Dimensions

Pitch	5.08 mm
Dimension a	25.4 mm

General

Range of articles	TVMSTB 2,5/...-STF
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

Printed-circuit board connector - TVMSTB 2,5/ 6-STF-5,08 - 1719134

Technical data

General

Rated voltage (III/3)	250 V
Rated voltage (III/2)	400 V
Rated voltage (II/2)	630 V
Nominal current I_N	12 A
Nominal cross section	2.5 mm ²
Maximum load current	12 A
Insulating material	PA
Inflammability class according to UL 94	V0
Stripping length	7 mm
Number of positions	6
Screw thread	M3
Tightening torque, min	0.5 Nm
Tightening torque max	0.6 Nm

Connection data

Conductor cross section solid min.	0.2 mm ²
Conductor cross section solid max.	2.5 mm ²
Conductor cross section stranded min.	0.2 mm ²
Conductor cross section stranded max.	2.5 mm ²
Conductor cross section stranded, with ferrule without plastic sleeve min.	0.25 mm ²
Conductor cross section stranded, with ferrule without plastic sleeve max.	2.5 mm ²
Conductor cross section stranded, with ferrule with plastic sleeve min.	0.25 mm ²
Conductor cross section stranded, with ferrule with plastic sleeve max.	2.5 mm ²
Conductor cross section AWG/kcmil min.	24
Conductor cross section AWG/kcmil max	12
2 conductors with same cross section, solid min.	0.2 mm ²
2 conductors with same cross section, solid max.	1 mm ²
2 conductors with same cross section, stranded min.	0.2 mm ²
2 conductors with same cross section, stranded max.	1.5 mm ²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	0.25 mm ²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	1 mm ²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	0.5 mm ²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	1.5 mm ²

Printed-circuit board connector - TVMSTB 2,5/ 6-STF-5,08 - 1719134

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	27440309

ETIM

ETIM 3.0	EC001121
ETIM 4.0	EC002638
ETIM 5.0	EC002638

UNSPSC

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

Approvals

Approvals

Approvals

GOST / GOST / UL Recognized / cUL Recognized / cULus Recognized

Ex Approvals

Approvals submitted

Approval details

GOST

Printed-circuit board connector - TVMSTB 2,5/ 6-STF-5,08 - 1719134

Approvals

GOST

UL Recognized

	B	D
mm ² /AWG/kcmil	30-12	30-12
Nominal current I _N	10 A	10 A
Nominal voltage U _N	300 V	300 V

cUL Recognized

	B	D
mm ² /AWG/kcmil	30-12	30-12
Nominal current I _N	10 A	10 A
Nominal voltage U _N	300 V	300 V

cULus Recognized

Drawings

Dimensioned drawing

