Printed-circuit board connector - TSPC 5/10-STF-7,62 - 1728280

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The figure shows a 5-pos. version of the product

Plug component, Nominal current: 41 A, Rated voltage (III/2): 1000 V, Number of positions: 10, Pitch: 7.62 mm, Connection method: Spring-cage connection, Color: green, Contact surface: Tin

Why buy this product

- Fast connection technology thanks to tool-free direct plug-in principle
- Simple potential distribution by means of two terminal points per contact
- Additional features: screw flange (-STF)
- Unlimited 600 V UL approval
- Maximum contact reliability due to integrated double steel spring
- Push-in spring-cage plug with double connection
- CP-PC RD coding profile

Key commercial data

Packing unit	25 pc
Minimum order quantity	25 pc
GTIN	4 046356 144650
Weight per Piece (excluding packing)	82.82 g
Custom tariff number	85366990
Country of origin	Germany
Note	Made to Order (non-returnable)

Technical data

Dimensions

Pitch	7.62 mm
Dimension a	68.58 mm

General

Range of articles	TSPC 5/..-STF
Insulating material group	I

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Technical data

General

Rated surge voltage (III/3)	8 kV
Rated surge voltage (III/2)	8 kV
Rated surge voltage (II/2)	6 kV
Rated voltage (III/3)	1000 V
Rated voltage (III/2)	1000 V
Rated voltage (II/2)	1000 V
Connection in acc. with standard	EN-VDE
Nominal current I_N	41 A
Nominal cross section	6 mm²
Maximum load current	41 A
Insulating material	PA
Inflammability class according to UL 94	V0
Stripping length	15 mm
Number of positions	10

Connection data

Conductor cross section solid min.	0.2 mm²
Conductor cross section solid max.	10 mm²
Conductor cross section stranded min.	0.2 mm²
Conductor cross section stranded max.	6 mm²
Conductor cross section stranded, with ferrule without plastic sleeve min.	0.25 mm²
Conductor cross section stranded, with ferrule without plastic sleeve max.	6 mm²
Conductor cross section stranded, with ferrule with plastic sleeve min.	0.25 mm²
Conductor cross section stranded, with ferrule with plastic sleeve max.	4 mm²
Conductor cross section AWG/kcmil min.	24
Conductor cross section AWG/kcmil max	8
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	0.25 mm²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	1.5 mm²
Minimum AWG according to UL/CUL	24
Maximum AWG according to UL/CUL	8

Classifications

eCl@ss

eCl@ss 4.0	272607xx
eCl@ss 4.1	27260701
eCl@ss 5.0	27260701
eCl@ss 5.1	27260701

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Classifications

eCl@ss

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

UL Recognized / cUL Recognized / EAC / cULus Recognized

Ex Approvals

Approvals submitted

Approval details

UL Recognized

	B	C
mm²/AWG/kcmil	24-8	24-8
Nominal current IN	31 A	31 A
Nominal voltage UN	600 V	600 V

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Approvals

cUL Recognized

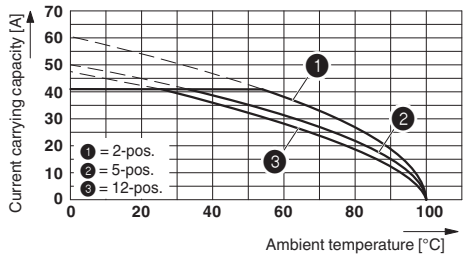
	B	C
mm²/AWG/kcmil	24-8	24-8
Nominal current IN	31 A	31 A
Nominal voltage UN	600 V	600 V

EAC

cULus Recognized

Drawings

Diagram



Derating curve for: TSPC 5/...-ST-7,62 with PC 5/...-G-7,62

Dimensioned drawing