

Printed-circuit board connector - TSPC 5/ 6-ST-7,62 - 1728497

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: 41 A, Rated voltage (III/2): 1000 V, Number of positions: 6, Pitch: 7.62 mm, Connection method: Spring-cage connection, Color: green, Contact surface: Tin

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

Why buy this product

- ✓ Fast connection technology thanks to tool-free direct plug-in principle
- ✓ Additional features: screw flange (-STF)
- ✓ Simple potential distribution by means of two terminal points per contact
- ✓ 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 144506
Weight per Piece (excluding packing)	22.22 g
Custom tariff number	85366990
Country of origin	Germany
Note	Made to Order (non-returnable)

Technical data

Dimensions

Pitch	7.62 mm
Dimension a	38.1 mm

General

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

Printed-circuit board connector - TSPC 5/ 6-ST-7,62 - 1728497

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 mm ²
Maximum load current	41 A
Insulating material	PA
Inflammability class according to UL 94	V0
Stripping length	15 mm
Number of positions	6

Connection data

Conductor cross section solid min.	0.2 mm ²
Conductor cross section solid max.	10 mm ²
Conductor cross section stranded min.	0.2 mm ²
Conductor cross section stranded max.	6 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.	6 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.	4 mm ²
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 mm ²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	1.5 mm ²
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

Printed-circuit board connector - TSPC 5/ 6-ST-7,62 - 1728497

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
mm ² /AWG/kcmil	24-8	24-8
Nominal current I _N	31 A	31 A
Nominal voltage U _N	600 V	600 V

Printed-circuit board connector - TSPC 5/ 6-ST-7,62 - 1728497

Approvals

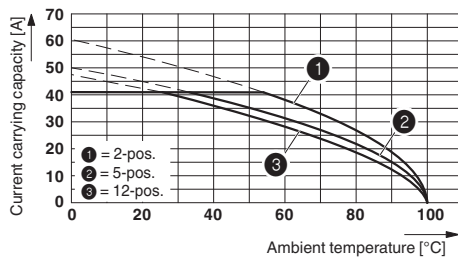
cUL Recognized		
	B	C
mm ² /AWG/kcmil	24-8	24-8
Nominal current I _N	31 A	31 A
Nominal voltage U _N	600 V	600 V

EAC

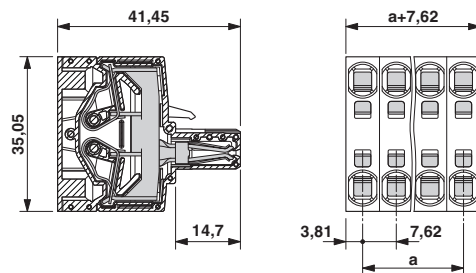
cULus Recognized

Drawings

Diagram



Dimensioned drawing



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