

## Printed-circuit board connector - ISPC 5/6-STGF-7,62 - 1749243

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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



#### **Product Features**

- ✓ Unlimited 600 V UL approval
- ☑ Inverted Push-in spring-cage plugs, ISPC 5 plugs with pin contacts for touch-proof device outputs (with IPC 5 G) or free-hanging cable/cable connections (with SPC 5 ST)
- ☑ Increased vibration protection thanks to screw-on STF plugs with screw flange
- STGF plugs with threaded flange



## Key commercial data

Packing unit	1 pc
Minimum order quantity	50 pc
Weight per Piece (excluding packing)	34.0 GRM
Custom tariff number	85366990
Country of origin	Bulgaria

#### Technical data

#### **Dimensions**

Pitch	7.62 mm
Dimension a	38.1 mm

#### General

Range of articles	ISPC 5/STGF
Insulating material group	I
Rated surge voltage (III/3)	8 kV
Rated surge voltage (III/2)	8 kV
Rated surge voltage (II/2)	6 kV



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## Technical data

#### General

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 <sub>N</sub>	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	6

### Connection data

Conductor cross section solid min.	0.2 mm <sup>2</sup>
Conductor cross section solid max.	10 mm <sup>2</sup>
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 mm <sup>2</sup>
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
eCl@ss 6.0	27260704



## Printed-circuit board connector - ISPC 5/ 6-STGF-7,62 - 1749243

## Classifications

## eCl@ss

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 / GOST / GOST / cULus Recognized

Ex Approvals

Approvals submitted

### Approval details

UL Recognized <b>\$1</b>		
	В	С
mm²/AWG/kcmil	24-8	24-8
Nominal current IN	35 A	35 A
Nominal voltage UN	600 V	600 V



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## Approvals

cUL Recognized				
	В	С		
mm²/AWG/kcmil	24-8	24-8		
Nominal current IN	35 A	35 A		
Nominal voltage UN	600 V	600 V		

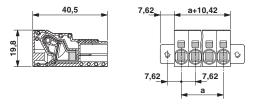
GOST		

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## Drawings

## Dimensioned drawing



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