

# Printed-circuit board connector - PSPT 2,5/ 2-ST KMGY - 2202346

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: 16 A, rated voltage (III/2): 300 V, number of positions: 2, pitch: 5 mm, connection method: Push-in spring connection, Color: light gray, Contact surface: Tin

## Why buy this product



## Key Commercial Data

Packing unit	50 STK
GTIN	 4 055626 058818
GTIN	4055626058818

## Technical data

### Dimensions

Length [ l ]	9.95 mm
Width [ w ]	15.00 mm
Pitch	5 mm
Dimension a	5.00 mm

### General

Number of positions	2
Connection method	Push-in spring connection
Rated surge voltage (III/3)	4 kV
Rated surge voltage (III/2)	4 kV
Rated surge voltage (II/2)	4 kV
Rated voltage (III/2)	300 V
Rated voltage (II/2)	600 V
Connection in acc. with standard	EN-VDE
Nominal current $I_N$	16 A
Nominal cross section	2.5 mm <sup>2</sup>

# Printed-circuit board connector - PSPT 2,5/ 2-ST KMGY - 2202346

## Technical data

### General

Insulating material	PA
Flammability rating according to UL 94	V0
Stripping length	10 mm

### Connection data

Conductor cross section solid min.	0.2 mm <sup>2</sup>
Conductor cross section solid max.	2.5 mm <sup>2</sup>
Conductor cross section flexible min.	0.2 mm <sup>2</sup>
Conductor cross section flexible max.	2.5 mm <sup>2</sup>
Conductor cross section flexible, with ferrule without plastic sleeve min.	0.2 mm <sup>2</sup>
Conductor cross section flexible, with ferrule without plastic sleeve max.	2.5 mm <sup>2</sup>
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.25 mm <sup>2</sup>
Conductor cross section flexible, with ferrule with plastic sleeve max.	2.5 mm <sup>2</sup>
Conductor cross section AWG min.	24
Conductor cross section AWG max.	14
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	0.5 mm <sup>2</sup>
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	1.5 mm <sup>2</sup>
Minimum AWG according to UL/CUL	24
Maximum AWG according to UL/CUL	14

### Standards and Regulations

Connection in acc. with standard	EN-VDE
Flammability rating according to UL 94	V0

### Environmental Product Compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

## Approvals

### Approvals

#### Approvals


cULus Recognized / IECCE CB Scheme / VDE report with production monitoring


#### Ex Approvals


### Approval details

# Printed-circuit board connector - PSPT 2,5/ 2-ST KMGY - 2202346

## Approvals

cULus Recognized  <a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a> E60425-19931012		
	B	D
mm <sup>2</sup> /AWG/kcmil	24-14	24-14
Nominal current IN	15 A	15 A
Nominal voltage UN	300 V	150 V

IECEE CB Scheme  <a href="http://www.iecee.org/">http://www.iecee.org/</a> DE1-57578	
Nominal current IN	16 A
Nominal voltage UN	320 V

VDE report with production monitoring  <a href="http://www.vde.com/en/Institute/OnlineService/VDE-approved-products/Pages/Online-Search.aspx">http://www.vde.com/en/Institute/OnlineService/VDE-approved-products/Pages/Online-Search.aspx</a> 40044868	
mm <sup>2</sup> /AWG/kcmil	0.2-2.5
Nominal current IN	16 A
Nominal voltage UN	320 V

Phoenix Contact 2017 © - all rights reserved  
<http://www.phoenixcontact.com>

PHOENIX CONTACT GmbH & Co. KG  
 Flachsmarktstr. 8  
 32825 Blomberg  
 Germany  
 Tel. +49 5235 300  
 Fax +49 5235 3 41200  
<http://www.phoenixcontact.com>