

## PK 2,5

5002.1  
PK 2,5/2/5,00 GN



### PRODUCT DESCRIPTION

### TECHNICAL DATA

#### GENERAL DATA

Type	PCB terminal
Pitch	5 mm
Colour	Green
Number of poles	2
Approvals	CSA

#### RATINGS

Rated current	16 A
Rated voltage	250 V
Rated cross section	2,5 mm <sup>2</sup>
Rated impulse voltage	4 kV
Overvoltage category	III
Contamination degree	3

#### DIMENSIONS

Length	12 mm
Width	12,5 mm
Height	20 mm
Width left	2,5 mm
Width right	5 mm
Drillhole diameter	1,3 mm

Length of pin	4,5 mm
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## CONNECTION DATA

Connector type/principle	Screw
Number of levels	1
Angle of PCB/wire connection	0°/180° (horizontal)
Type of attachment to PCB	Connecting contact
Electrical connection type to PCB	Solder
Cross section single wire from	0,2 mm <sup>2</sup>
Cross section single wire to	4 mm <sup>2</sup>
Cross section stranded wire from	0,2 mm <sup>2</sup>
Cross section stranded with ferrule to	2,5 mm <sup>2</sup>
Cross section stranded wire to	2,5 mm <sup>2</sup>
Cross section stranded with ferrule from	0,2 mm <sup>2</sup>
Rated wire cross section to (AWG)	14
Rated wire cross section from (AWG)	24
Stripping length	7 mm
Screw size	M 2,5
Torque	0,6 Nm

## MATERIALS

Housing material	Polyamide 6.6
Flammability class	UL94-V2
Operating temperature from	-30 °C
Operating temperature to	105 °C
Solder lug	Copper
Screw material	Steel
Clamp material	Steel

## APPROVALS

CSA test standard	CSA 22.2 No.158
Rated voltage CSA	300
Rated current CSA	20 A

## ADDITIONAL DATA

Glow wire ignition temperature (GWIT)	GWIT 775
Insulation resistance	1*10 <sup>12</sup> Ω x cm

Recommended wave soldering temperature	265 °C
Pack size	100
Country of origin	DE
Tariff code	85369010
Glow wire flammability index (GWFI)	GWFI 960
Weight	3,8 g
Recommended wave solder duration min	3 s
GWFI after-glow time	30 s
GWIT exposure time	5 s
Recommended wave solder duration max	4 s
Current creepage resistance	CTI 600

