



## PKZ 602

12878.1

PKZ602/3.81/2V 2P PCB TERM VRT



### PRODUCT DESCRIPTION

## TECHNICAL DATA

### GENERAL DATA

Type	PCB terminal
Pitch	3,81 mm
Colour	Green
Number of poles	2
Approvals	UL, cUL, VDE

### RATINGS

Rated current	13,5 A
Rated voltage	130 V
Rated cross section	1 mm <sup>2</sup>
Rated impulse voltage	1,25 kV
Overvoltage category	III
Contamination degree	3

### DIMENSIONS

Length	7,3 mm
Width	7,62 mm
Height	10 mm
Width left	1,905 mm
Width right	1,905 mm
Drillhole diameter	1,1 mm

Diameter of the connection pin	0,88 mm
Length of pin	3,26 mm

## 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	0,14 mm <sup>2</sup>
Cross section single wire to	1,5 mm <sup>2</sup>
Cross section stranded wire from	0,14 mm <sup>2</sup>
Cross section stranded with ferrule to	0,5 mm <sup>2</sup>
Cross section stranded wire to	1 mm <sup>2</sup>
Cross section stranded with ferrule from	0,25 mm <sup>2</sup>
Rated wire cross section to (AWG)	16
Rated wire cross section from (AWG)	30
Stripping length	5 mm
Screw size	M 2
Torque	0,2 Nm

## MATERIALS

Housing material	Polyamide 6.6
Flammability class	UL94-V0
Operating temperature from	-30 °C
Operating temperature to	105 °C
Solder lug	Copper alloy
Screw material	Bronze
Clamp material	Brass

## APPROVALS

UL test standard	UL 1059
Rated voltage UL	300 V
Rated current UL	10 A
cUL test standard	C22.2 No 158
Rated voltage cUL	300 V

Rated current cUL	10 A
VDE test standard	DIN EN 60998
Rated voltage VDE	130 V
Rated current VDE	13,5 A

## ADDITIONAL DATA

Glow wire ignition temperature (GWIT)	GWIT 775
Insulation resistance	1*10 <sup>13</sup> Ω x cm
Recommended wave soldering temperature	265 °C
Pack size	50
Country of origin	QU
Tariff code	85369010
Glow wire flammability index (GWFI)	GWFI 850
Weight	1,2 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
Connection cycles acc. to standard	5

