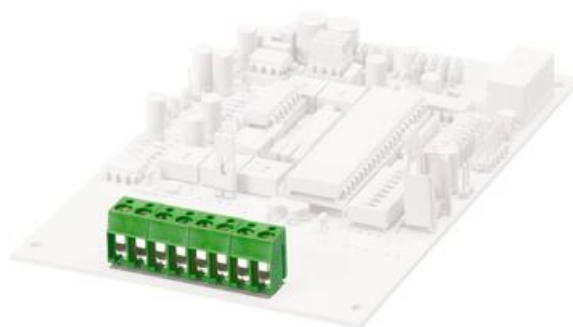


## PK 120

10121.1

PK 120/2/5,08-V GN



### PRODUCT DESCRIPTION

### TECHNICAL DATA

#### GENERAL DATA

Type	PCB terminal
Pitch	5.08 mm
Colour	Green
Number of poles	2
Approvals	UL, cUL, VDE

#### RATINGS

Rated current	24 A
Rated voltage	250 V
Rated cross section	2.5 mm <sup>2</sup>
Rated impulse voltage	2 kV
Overvoltage category	III
Contamination degree	3

#### DIMENSIONS

Length	13 mm
Width	10.86 mm
Height	9 mm
Width left	3.24 mm
Width right	2.54 mm
Drillhole diameter	1.3 mm

Diameter of the connection pin	1 mm
Length of pin	4 mm

## CONNECTION DATA

Connector type/principle	Wire protection
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	2.5 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)	12
Rated wire cross section from (AWG)	22
Stripping length	7 mm
Screw size	M 3
Torque	0.5

## MATERIALS

Housing material	Polyamide 6.6
Flammability class	UL94-V0
Operating temperature from	-30 °C
Operating temperature to	105 °C
Screw material	Steel
Clamp material	Brass
Wire protection	Stainless steel

## APPROVALS

UL test standard	UL 1059
Rated voltage UL	300 V
Rated current UL	20 A
cUL test standard	CSA 22.2 No.158
Rated voltage cUL	300 V

Rated current cUL	20 A
VDE test standard	DIN EN 60998
Rated voltage VDE	250 V
Rated current VDE	24 A
Recommended wave solder duration max	4 s
Recommended wave solder duration min	3 s
Recommended wave soldering temperature	265 °C
Tariff code	85369010
Pack size	50
Weight	2.3 g
Connection cycles acc. to standard	5
Country of origin	QU
Current creepage resistance	CTI 600
Glow wire flammability index (GWFI)	GWFI 850
Glow wire ignition temperature (GWIT)	GWIT 775
GWFI after-glow time	30 s
GWIT exposure time	5 s
Insulation resistance	1*10 <sup>13</sup> Ω x cm

