

PBKZ 470114652.1
PBKZ 4701/2/3,81-H-KD GN

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	12 A
Rated voltage	130 V
Rated cross section	1.5 mm ²
Rated impulse voltage	1.25 kV
Overvoltage category	III
Contamination degree	3

DIMENSIONS

Length	12.7 mm
Width	10.12 mm
Height	13.7 mm
Width left	0.8 mm
Width right	5.51 mm
Drillhole diameter	1.4 mm

Diameter of the connection pin	1 mm
Length of pin	3.3 mm

CONNECTION DATA

Connector type/principle	Push-in
Number of levels	1
Angle of PCB/wire connection	0°/180° (horizontal)
Type of attachment to PCB	Solder
Electrical connection type to PCB	Connecting contact
Cross section single wire from	0.14 mm ²
Cross section single wire to	1.5 mm ²
Cross section stranded wire from	0.14 mm ²
Cross section stranded with ferrule to	0.34 mm ²
Cross section stranded wire to	1.5 mm ²
Cross section stranded with ferrule from	0.14 mm ²
Rated wire cross section to (AWG)	16
Rated wire cross section from (AWG)	26
Stripping length	10 mm

MATERIALS

Housing material	Polybutylene terephthalate
Flammability class	UL94-V0
Operating temperature from	-30 °C
Operating temperature to	105 °C
Terminal spring	Stainless steel
Solder lug	Brass

APPROVALS

UL test standard	UL 1059
Rated voltage UL	300 V
Rated current UL	6 A
cUL test standard	CSA 22.2 No.158
Rated voltage cUL	300 V
Rated current cUL	6 A
VDE test standard	DIN EN 60998
Rated voltage VDE	130 V

Rated current VDE	12 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	2.03 g
Connection cycles acc. to standard	10
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	$1 \cdot 10^{13} \Omega \times \text{cm}$



