

PBKZ 4701

14652.1

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
-------------------	------

ADDITIONAL DATA

Glow wire ignition temperature (GWIT)	GWIT 775
---------------------------------------	----------

Insulation resistance	$1 \cdot 10^{13} \Omega \times \text{cm}$
-----------------------	---

Recommended wave soldering temperature	265 °C
--	--------

Pack size	50
-----------	----

Country of origin	QU
-------------------	----

Tariff code	85369010
-------------	----------

Glow wire flammability index (GWFI)	GWFI 850
-------------------------------------	----------

Weight	2,03 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	10
------------------------------------	----

