

PBKZ 4301

13131.1

PBKZ 4301/2/5,08-KD GN

**PRODUCT DESCRIPTION****TECHNICAL DATA****GENERAL DATA**

Type	Plug-in connector
Pitch	5,08 mm
Colour	Green
Number of poles	2
Approvals	UL, cUL, VDE

RATINGS

Rated current	16 A
Rated voltage	250 V
Rated cross section	1,5 mm ²
Rated impulse voltage	2 kV
Overvoltage category	III
Contamination degree	3

DIMENSIONS

Length	16,1 mm
Width	10,16 mm
Height	13 mm
Width left	1,1 mm
Width right	3,98 mm
Drillhole diameter	1,4 mm

Diameter of the connection pin	1,1 mm
Length of pin	3,5 mm

CONNECTION DATA

Connector type/principle	Push-in
Number of levels	1
Angle of PCB/wire connection	45°/135° (diagonally upwards)
Type of attachment to PCB	Solder
Electrical connection type to PCB	Connecting contact
Cross section single wire from	0,08 mm ²
Cross section single wire to	1,5 mm ²
Cross section stranded wire from	0,2 mm ²
Cross section stranded with ferrule to	1 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)	22
Stripping length	10 mm

MATERIALS

Housing material	Polyamide 6.6
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	10 A
cUL test standard	CSA 22.2 No.158
Rated voltage cUL	300 V
Rated current cUL	10 A
VDE test standard	DIN EN 60998
Rated voltage VDE	250 V

Rated current VDE	16 A
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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	85366990
Glow wire flammability index (GWFI)	GWFI 850
Weight	1 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

