

PBK 5

14491.1

PBK 5/1/11,50-H GN

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

Type	PCB terminal
Pitch	11,5 mm
Colour	Green
Number of poles	1
Approvals	UL, cUL, VDE

RATINGS

Rated current	41 A
Rated voltage	1000 V
Rated cross section	6 mm ²
Rated impulse voltage	3,5 kV
Overvoltage category	III
Contamination degree	3

DIMENSIONS

Length	24,15 mm
Width	9,25 mm
Height	19,6 mm
Width left	6,6 mm
Width right	2,65 mm
Drillhole diameter	2,1 mm

Diameter of the connection pin	0,8 mm
Length of pin	4,6 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	0,2 mm ²
Cross section single wire to	10 mm ²
Cross section stranded wire from	0,2 mm ²
Cross section stranded with ferrule to	6 mm ²
Cross section stranded wire to	6 mm ²
Cross section stranded with ferrule from	0,25 mm ²
Rated wire cross section to (AWG)	8
Rated wire cross section from (AWG)	24
Stripping length	15 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	Copper alloy

APPROVALS

UL test standard	UL 1059
Rated voltage UL	600 V
Rated current UL	35 A
cUL test standard	CSA 22.2 No.158
Rated voltage cUL	600 V
Rated current cUL	35 A
VDE test standard	DIN EN 60998
Rated voltage VDE	1000 V

Rated current VDE	41 A
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ADDITIONAL DATA

Glow wire ignition temperature (GWIT)	GWIT 775
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Insulation resistance	$1 \cdot 10^{13} \Omega \times \text{cm}$
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Recommended wave soldering temperature	265 °C
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Pack size	50
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Country of origin	QU
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Tariff code	85369010
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Glow wire flammability index (GWFI)	GWFI 850
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Weight	4,98 g
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Recommended wave solder duration min	3 s
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GWFI after-glow time	30 s
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GWIT exposure time	5 s
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Recommended wave solder duration max	4 s
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Current creepage resistance	CTI 600
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Connection cycles acc. to standard	10
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