

PBK 4191, 4291

13286.0

PBK 4291/2/3,50-KD LG

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

Type	PCB terminal
Pitch	3,5 mm
Colour	Light grey
Number of poles	2
Approvals	VDE

RATINGS

Rated current	3 A
Rated voltage	130 V
Rated cross section	1 mm ²
Rated impulse voltage	2 kV
Overvoltage category	III
Contamination degree	3

DIMENSIONS

Length	12 mm
Width	8,5 mm
Height	13 mm
Width left	3,25 mm
Width right	1,75 mm
Drillhole diameter	1 mm

Diameter of the connection pin	0,4 mm
Length of pin	3,6 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	0,14 mm ²
Cross section stranded with ferrule to	0,5 mm ²
Cross section stranded wire to	1 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	9 mm

MATERIALS

Housing material	Polyamide 6.6
Flammability class	UL94-V0
Operating temperature from	-30 °C
Operating temperature to	105 °C
Contact flag	Copper alloy

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	3 A

ADDITIONAL DATA

Glow wire ignition temperature (GWIT)	GWIT 775
Insulation resistance	1*10 ¹³ Ω x 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	1,1 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

