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PBK 4100, 4101

13085.0
PBK 4100/2/5,00 LG



PRODUCT DESCRIPTION

TECHNICAL DATA

GENERAL DATA

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

RATINGS

Rated current	17.5 A
Rated voltage	250 V
Rated cross section	2.5 mm²
Rated impulse voltage	2 kV
Overvoltage category	III
Contamination degree	3

DIMENSIONS

Length	12.5 mm
Width	11.6 mm
Height	9.2 mm
Width left	3.5 mm
Width right	3.1 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	0°/180° (horizontal)
Type of attachment to PCB	Solder
Electrical connection type to PCB	Connecting contact
Cross section single wire from	0.08 mm²
Cross section single wire to	2.5 mm²
Cross section stranded wire from	0.08 mm²
Cross section stranded with ferrule to	1 mm²
Cross section stranded wire to	2.5 mm²
Cross section stranded with ferrule from	0.14 mm²
Rated wire cross section to (AWG)	14
Rated wire cross section from (AWG)	20
Stripping length	9 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	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	17.5 A

Recommended wave solder duration max	4 s
Recommended wave solder duration min	3 s
Recommended wave soldering temperature	265 °C
Tariff code	85366990
Pack size	50
Weight	1.4 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*10^13 Ω x cm









