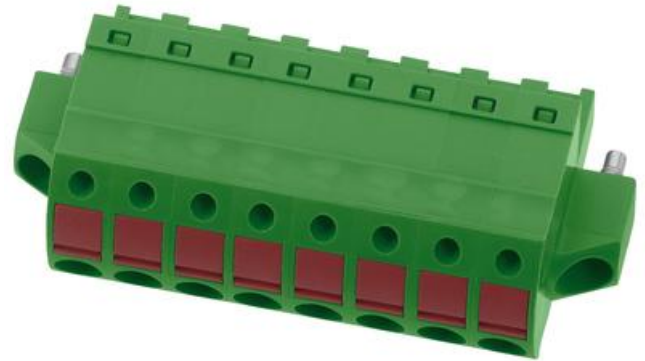


**PFBZ 4951**

30412.1

PFBZ 4951/2/5,08-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	12 A
Rated voltage	250 V
Rated cross section	2,5 mm <sup>2</sup>
Rated impulse voltage	4 kV
Overvoltage category	III
Contamination degree	3

**DIMENSIONS**

Length	15 mm
Width	10,16 mm
Height	25,6 mm
Width left	2,54 mm
Width right	2,54 mm

**CONNECTION DATA**

<b>Connector type/principle</b>	Push-in
<b>Contact version</b>	Female connector
<b>Connector version</b>	Pluggable
<b>Number of plugin rows</b>	1
<b>Cross section single wire from</b>	0,2 mm <sup>2</sup>
<b>Cross section single wire to</b>	2,5 mm <sup>2</sup>
<b>Cross section stranded wire from</b>	0,2 mm <sup>2</sup>
<b>Cross section stranded with ferrule to</b>	2,5 mm <sup>2</sup>
<b>Cross section stranded wire to</b>	2,5 mm <sup>2</sup>
<b>Cross section stranded with ferrule from</b>	0,25 mm <sup>2</sup>
<b>Rated wire cross section to (AWG)</b>	12
<b>Rated wire cross section from (AWG)</b>	26
<b>Stripping length</b>	12 mm

## MATERIALS

<b>Housing material</b>	Polyamide 6.6
<b>Flammability class</b>	UL94-V0
<b>Operating temperature from</b>	-30 °C
<b>Operating temperature to</b>	105 °C
<b>Contact spring</b>	Copper alloy
<b>Terminal spring</b>	Stainless steel

## APPROVALS

<b>UL test standard</b>	UL 1059
<b>Rated voltage UL</b>	300 V
<b>Rated current UL</b>	10 A
<b>cUL test standard</b>	CSA 22.2 No.158
<b>Rated voltage cUL</b>	300 V
<b>Rated current cUL</b>	10 A
<b>VDE test standard</b>	DIN EN 61984
<b>Rated voltage VDE</b>	250 V
<b>Rated current VDE</b>	12 A

## ADDITIONAL DATA

<b>Glow wire ignition temperature (GWIT)</b>	GWIT 775
<b>Insulation resistance</b>	1*10 <sup>13</sup> Ω x cm

<b>Pack size</b>	50
<b>Angle of wire connection/contact</b>	0°/180° (horizontal)
<b>Country of origin</b>	QU
<b>Tariff code</b>	85369010
<b>Glow wire flammability index (GWFI)</b>	GWFI 850
<b>Weight</b>	3,42 g
<b>GWFI after-glow time</b>	30 s
<b>Plug-in cycles acc. to standard</b>	100
<b>GWIT exposure time</b>	5 s
<b>Current creepage resistance</b>	CTI 600
<b>Connection cycles acc. to standard</b>	5

