

PKBZ 950/95530142.1
PKBZ 950/2/5,08-HC 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	630 V
Rated cross section	2,5 mm ²
Rated impulse voltage	6 kV
Overvoltage category	III
Contamination degree	3

DIMENSIONS

Length	15 mm
Width	10,16 mm
Height	17,3 mm
Width left	2,54 mm
Width right	2,54 mm

CONNECTION DATA

Connector type/principle	Screw
Contact version	Female connector
Connector version	Pluggable
Number of plugin rows	1
Cross section single wire from	0,2 mm ²
Cross section single wire to	4 mm ²
Cross section stranded wire from	0,2 mm ²
Cross section stranded with ferrule to	2,5 mm ²
Cross section stranded wire to	2,5 mm ²
Cross section stranded with ferrule from	0,25 mm ²
Rated wire cross section to (AWG)	12
Rated wire cross section from (AWG)	22
Stripping length	6 mm
Screw size	M 3
Torque	0,5 Nm

MATERIALS

Housing material	Polyamide 6.6
Flammability class	UL94-V0
Operating temperature from	-30 °C
Operating temperature to	105 °C
Contact spring	Copper alloy
Screw material	Steel
Clamp material	Brass

APPROVALS

UL test standard	UL 1059
Rated voltage UL	300 V
Rated current UL	16 A
cUL test standard	CSA 22.2 No.158
Rated voltage cUL	300 V
Rated current cUL	16 A
VDE test standard	DIN EN 61984
Rated voltage VDE	630 V

Rated current VDE	16 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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Pack size	50
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Angle of wire connection/contact	0°/180° (horizontal)
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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	3,1 g
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GWFI after-glow time	30 s
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Plug-in cycles acc. to standard	100
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GWIT exposure time	5 s
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Current creepage resistance	CTI 600
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Connection cycles acc. to standard	5
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