

PKBZ 1551

13039.1

PKBZ 1551/3.81/2 2P PLUG VERT

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

Type	Plug-in connector
Pitch	3,81 mm
Colour	Green
Number of poles	2
Approvals	UL, cUL, VDE

RATINGS

Rated current	8 A
Rated voltage	160 V
Rated cross section	1,5 mm ²
Rated impulse voltage	2,5 kV
Overvoltage category	III
Contamination degree	3

DIMENSIONS

Length	10,4 mm
Width	7,62 mm
Height	19,1 mm
Width left	1,905 mm

Width right	1,905 mm
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CONNECTION DATA

Connector type/principle	Screw
Contact version	Female connector
Connector version	Pluggable
Number of plugin rows	1
Cross section single wire from	0,14 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	1 mm ²
Cross section stranded wire to	1,5 mm ²
Cross section stranded with ferrule from	0,25 mm ²
Rated wire cross section to (AWG)	16
Rated wire cross section from (AWG)	28
Stripping length	7 mm
Screw size	M 2
Torque	0,25 Nm

MATERIALS

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

APPROVALS

UL test standard	UL 1059
Rated voltage UL	300 V
Rated current UL	8 A
cUL test standard	CSA 22.2 No.158
Rated voltage cUL	300 V
Rated current cUL	8 A
VDE test standard	DIN EN 61984

Rated voltage VDE	160 V
Rated current VDE	8 A

ADDITIONAL DATA

Glow wire ignition temperature (GWIT)	GWIT 775
Insulation resistance	$1 \cdot 10^{13} \Omega \times \text{cm}$
Pack size	50
Angle of wire connection/contact	90° (vertically upwards)
Country of origin	QU
Tariff code	85366990
Glow wire flammability index (GWFI)	GWFI 850
Weight	1,5 g
GWFI after-glow time	30 s
Plug-in cycles acc. to standard	100
GWIT exposure time	5 s
Current creepage resistance	CTI 600
Connection cycles acc. to standard	5

