

PKZ 692

14100.1

PKZ 692/2/2,54-V GN

- 9-17 Pole
- 2.54mm Pitch
- Pins supports straightforward wave-soldering



PRODUCT DESCRIPTION

The CONTA-CLIP PKZ 692 series consists of PCB terminal blocks designed for reliable wire-to-board connections in compact electronic assemblies. Available in variants such as the 9-pole and 17-pole versions, the PKZ 692 features a 2.54 mm pitch, making it suitable for high-density circuit layouts where space savings are critical. Its front wire-entry design simplifies insertion and ensures secure clamping, while the vertical orientation of the pins supports straightforward wave-soldering processes during PCB assembly. These terminal blocks are manufactured with durable insulating housings and precision-machined copper alloy contacts, ensuring both mechanical stability and long-term conductivity. The modular nature of the PKZ 692 series allows designers to select the appropriate pole count for their application, while maintaining consistency across different board layouts.

The PKZ 692 is used across a wide range of low-voltage electronic and control applications, including signal transmission, sensor wiring, and compact control modules. Its fine pitch and multi-pole options make it particularly advantageous in devices where limited PCB space must accommodate numerous connections, such as in building automation, telecommunications equipment, and instrumentation systems. By combining a compact footprint with reliable clamping technology, the PKZ 692 provides engineers with a versatile interconnection solution that reduces wiring errors, improves assembly efficiency, and supports both prototyping and volume production environments.

TECHNICAL DATA

GENERAL DATA

Type	PCB terminal
Pitch	2.54 mm
Colour	Green
Number of poles	2
Approvals	UL, cUL, VDE

RATINGS

Rated current	9 A
Rated voltage	130 V
Rated cross section	0.75 mm ²
Rated impulse voltage	1.25 kV
Overvoltage category	III
Contamination degree	3

DIMENSIONS

Length	6.5 mm
Width	5.48 mm
Height	8.5 mm
Width left	1.5 mm
Width right	1.44 mm
Drillhole diameter	1.3 mm
Diameter of the connection pin	0.9 mm
Length of pin	3.5 mm

CONNECTION DATA

Connector type/principle	Screw
Number of levels	1
Angle of PCB/wire connection	0°/180° (horizontal)
Type of attachment to PCB	Connecting contact
Electrical connection type to PCB	Solder
Cross section single wire from	0.14 mm ²
Cross section single wire to	0.75 mm ²
Cross section stranded wire from	0.14 mm ²
Cross section stranded with ferrule to	0.34 mm ²
Cross section stranded wire to	0.75 mm ²
Cross section stranded with ferrule from	0.14 mm ²
Rated wire cross section to (AWG)	18
Rated wire cross section from (AWG)	30
Stripping length	4 mm
Screw size	M 1,6
Torque	0.1

MATERIALS

Housing material	Polyamide 6.6
Flammability class	UL94-V0
Operating temperature from	-30 °C
Operating temperature to	105 °C
Solder lug	Brass
Screw material	Steel
Clamp material	Brass

APPROVALS

UL test standard	UL 1059
Rated voltage UL	150 V
Rated current UL	7 A
cUL test standard	C22.2 No 158
Rated voltage cUL	150 V
Rated current cUL	7 A
VDE test standard	DIN EN 60998
Rated voltage VDE	130 V
Rated current VDE	9 A

Recommended wave solder duration max	4 s
Recommended wave solder duration min	3 s
Recommended wave soldering temperature	265 °C
Tariff code	85369010
Pack size	50
Weight	0.57 g
Connection cycles acc. to standard	5
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	$1 \cdot 10^{13} \Omega \times \text{cm}$



