

PKZ 692

14100.1

PKZ 692/2/2,54-V GN

**PRODUCT DESCRIPTION****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 Nm |

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 |

ADDITIONAL DATA

| | |
|--|---|
| Glow wire ignition temperature (GWIT) | GWIT 775 |
| Insulation resistance | $1 \cdot 10^{13} \Omega \times \text{cm}$ |
| Recommended wave soldering temperature | 265 °C |
| Pack size | 50 |
| Country of origin | QU |
| Tariff code | 85369010 |
| Glow wire flammability index (GWFI) | GWFI 850 |
| Weight | 0,57 g |
| Recommended wave solder duration min | 3 s |
| GWFI after-glow time | 30 s |
| GWIT exposure time | 5 s |
| Recommended wave solder duration max | 4 s |
| Current creepage resistance | CTI 600 |
| Connection cycles acc. to standard | 5 |

