

PKD 370

10412.1

PKD 370/2/5,00-V GN



PRODUCT DESCRIPTION

TECHNICAL DATA

GENERAL DATA

| | |
|-----------------------|--------------|
| Type | PCB terminal |
| Pitch | 5 mm |
| Colour | Green |
| Number of poles | 2 |
| Number of connections | 4 |
| Approvals | UL, cUL, VDE |

RATINGS

| | |
|-----------------------|---------------------|
| Rated current | 17.5 A |
| Rated voltage | 250 V |
| Rated cross section | 1.5 mm ² |
| Rated impulse voltage | 2 kV |
| Overvoltage category | III |
| Contamination degree | 3 |

DIMENSIONS

| | |
|-------------|---------|
| Length | 21 mm |
| Width | 13.1 mm |
| Height | 24.1 mm |
| Width left | 3.1 mm |
| Width right | 5 mm |

| | |
|--------------------------------|--------|
| Drillhole diameter | 1.3 mm |
| Diameter of the connection pin | 0.8 mm |
| Length of pin | 3.5 mm |

CONNECTION DATA

| | |
|--|----------------------|
| Connector type/principle | Screw |
| Number of levels | 2 |
| 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 | 2.5 mm ² |
| Cross section stranded wire from | 0.14 mm ² |
| Cross section stranded with ferrule to | 1.5 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) | 12 |
| Rated wire cross section from (AWG) | 22 |
| Stripping length | 6 mm |
| Screw size | M 3 |
| Torque | 0.5 |

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 | 300 V |
| Rated current UL | 15 A |
| cUL test standard | CSA 22.2 No.158 |

| | |
|--|---------------------------|
| Rated voltage cUL | 300 V |
| Rated current cUL | 15 A |
| VDE test standard | DIN EN 60998 |
| Rated voltage VDE | 250 V |
| Rated current VDE | 17.5 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 | 5.7 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*10 ¹³ Ω x cm |



