

PBK 2,5

14361.1

PBK 2,5/1/5,00-H GN



PRODUCT DESCRIPTION

TECHNICAL DATA

GENERAL DATA

| | |
|-----------------|--------------|
| Type | PCB terminal |
| Pitch | 5 mm |
| Colour | Green |
| Number of poles | 1 |
| Approvals | UL, cUL, VDE |

RATINGS

| | |
|-----------------------|---------------------|
| Rated current | 24 A |
| Rated voltage | 250 V |
| Rated cross section | 2,5 mm ² |
| Rated impulse voltage | 2 kV |
| Overvoltage category | III |
| Contamination degree | 3 |

DIMENSIONS

| | |
|--------------------|---------|
| Length | 13,5 mm |
| Width | 6,4 mm |
| Height | 14,4 mm |
| Width left | 2,3 mm |
| Width right | 4,1 mm |
| Drillhole diameter | 1,1 mm |

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|--------------------------------|--------|
| Diameter of the connection pin | 0,8 mm |
| Length of pin | 2,5 mm |

CONNECTION DATA

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|--|----------------------|
| Connector type/principle | Push-in |
| Number of levels | 1 |
| Angle of PCB/wire connection | 0°/180° (horizontal) |
| Type of attachment to PCB | Solder |
| Electrical connection type to PCB | Connecting contact |
| 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 | 0,2 mm ² |
| Rated wire cross section to (AWG) | 12 |
| Rated wire cross section from (AWG) | 24 |
| Stripping length | 10 mm |

MATERIALS

| | |
|----------------------------|-----------------|
| Housing material | Polyamide 6.6 |
| Flammability class | UL94-V0 |
| Operating temperature from | -30 °C |
| Operating temperature to | 105 °C |
| Terminal spring | Stainless steel |
| Solder lug | Copper alloy |

APPROVALS

| | |
|-------------------|-----------------|
| UL test standard | UL 1059 |
| Rated voltage UL | 300 V |
| Rated current UL | 20 A |
| cUL test standard | CSA 22.2 No.158 |
| Rated voltage cUL | 300 V |
| Rated current cUL | 20 A |
| VDE test standard | DIN EN 60998 |
| Rated voltage VDE | 250 V |

| | |
|-------------------|------|
| Rated current VDE | 24 A |
|-------------------|------|

ADDITIONAL DATA

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|---------------------------------------|----------|
| 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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| Recommended wave soldering temperature | 265 °C |
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|-----------|----|
| Pack size | 50 |
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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 | 1,42 g |
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| Recommended wave solder duration min | 3 s |
|--------------------------------------|-----|

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| GWFI after-glow time | 30 s |
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|--------------------|-----|
| GWIT exposure time | 5 s |
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| Recommended wave solder duration max | 4 s |
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| Current creepage resistance | CTI 600 |
|-----------------------------|---------|

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| Connection cycles acc. to standard | 10 |
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