

Overview

Product information



DG637-6.35-10040000772

PCB terminal blocks, Rated current: 32A, Rated voltage (III/2) 630V, Cross section: 0.2~4.0mm², pitch: 6.35mm, connector method: Screw connector with tension sleeve, Color: green, Contact surface : Tin

Product advantages

- ☒ Fixed screw connection technology, safe and reliable
- ☒ Different poles can be combined through the side lock
- ☒ Universal installation method to ensure a high degree of flexibility in device design

Product certification



Technical data

Product drawing

3D model

□

Processing notes

Process

Wave soldering/manual soldering

Connection capacity

Conductor cross section solid

0.2~6mm²

Conductor cross section flexible

0.2~4.0mm²

AWG

28~10AWG

Torque

0.5N.m

Strip length

8mm

Electrical parameters UL

| | |
|-------------------|------|
| Rated voltage (B) | 600V |
| Rated voltage (C) | 600V |
| Rated voltage (D) | 600V |
| Rated current (B) | 30A |
| Rated current (D) | 5A |
| Rated current (C) | 30A |

Electrical parameters IEC

| | |
|----------------------------|-------|
| Rated voltage | 630V |
| Rated voltage(III/3) | 500V |
| Rated current | 32A |
| Rated voltage(III/2) | 630V |
| Rated voltage(II/2) | 1000V |
| Rated surge voltage(III/3) | 8KV |
| Rated surge voltage(III/2) | 8KV |
| Rated surge voltage(II/2) | 8KV |

Item properties

| | |
|----------------------|---------------------|
| Connection direction | 0° |
| Type of installation | PCB welding |
| Connection method | Screw connection |
| Screwdriver | Slotted screwdriver |
| screw thread | M3 |
| Pitch | 6.35mm |
| Number of potentials | 2 |
| Pluggable or not | no |
| Number of rows | 1 |

Material data

| | |
|-----------------------------|---------------------------|
| Environmental items | Compliant with REACH/RoHS |
| Contact material | copper |
| Contact point metal surface | tin-plated |
| Insulation Materials | PA66 |
| Insulating material group | I |
| Flammability rating | UL94V-0 |

Mechanical tests

| | |
|--------------------|-----------------|
| Test Specification | IEC60947/UL1059 |
|--------------------|-----------------|

Environmental data

| | |
|---------------------------------|--|
| Ambient temperature (operation) | -40°C~105°C(depending on derating curve) |
|---------------------------------|--|

Accessories

Accessories

| | |
|---------------|---|
| Coding strip | / |
| Bridge | / |
| Marking strip | / |
| Others | / |

Tool

| | |
|----------------|--------------------------------|
| Operating tool | / |
| Screwdriver | 0.6x3.5mm, Slotted screwdriver |

Business data

| | |
|--------------|-------------|
| Order number | 10040000772 |
| Packing unit | 840 |

| | |
|-------------------------------------|------|
| Minimum order quantity | 30 |
| Products weight (without packaging) | 6.64 |