

## Visión general

### Información del Producto



### DG1450H-B-40A(H)-12010000287

Single-layer PCB barrier terminal blocks, Rated current: 45A. Rated voltage (UL) : 600V, Cross section: 22~8AWG, pitch: 14.5mm, Color: black, Contact surface: Tin

### Ventajas del producto

- ☒ Screw connection for worldwide use
- ☒ Fence type wiring structure, stable and reliable connection
- ☒ High current electrical connections at the power end can be met

### Certificación del producto



## Datos técnicos

### Dibujo del producto

### Modelo 3D

□

### Processing notes

Process

Wave soldering/manual soldering

### Connection capacity

Conductor cross section solid

0.5~10mm²

Conductor cross section flexible

0.5~10mm²

AWG

22~8AWG

### Electrical parameters UL

Rated voltage (B)

600V

Rated voltage (C)

600V

|                   |      |
|-------------------|------|
| Rated voltage (D) | 600V |
| Rated current (B) | 40A  |
| Rated current (D) | 5A   |
| Rated current (C) | 40A  |

Electrical parameters IEC

|               |       |
|---------------|-------|
| Rated current | 1000V |
|               | 76A   |

Item properties

|                      |                               |
|----------------------|-------------------------------|
| Type of installation | PCB welding                   |
| Pin arrangement      | Single row in a straight line |
| Connection method    | Screw connection              |
| Screwdriver          | slotted-phillips screwdriver  |
| screw thread         | M5                            |
| Pitch                | 14.5mm                        |
| Number of potentials | 2                             |
| Pluggable or not     | no                            |
| Number of rows       | 1                             |

Material data

|                             |                           |
|-----------------------------|---------------------------|
| Environmental items         | Compliant with REACH/RoHS |
| Contact material            | Copper alloy              |
| Contact point metal surface | tin-plated                |
| Insulation Materials        | PBT                       |
| Insulating material group   | IIIa                      |
| Flammability rating         | UL94V-0                   |

Mechanical tests

|                                 |           |
|---------------------------------|-----------|
| Test Specification              | UL1059    |
| Environmental data              |           |
| Ambient temperature (operation) | -40℃~125℃ |

|             |  |
|-------------|--|
| Accesorios  |  |
| Accessories |  |
|             |  |

|                                  |             |
|----------------------------------|-------------|
| Datos empresariales              |             |
| Número de pedido                 | 12010000287 |
| Unidad de embalaje               | 30          |
| Cantidad mínima de pedido        | /           |
| Peso del producto (sin embalaje) | 129         |