



9-positions Low-profile Vertical Type SRBQ Series

| | | |
|---------------------------------------|---|--|
| Poles | | 1 |
| Positions | | 9 |
| Changeover angle | | 40±3° |
| Changeover timing | | Non shorting |
| Rotational torque | | 6±3mN·m |
| Actuator configuration | | Flat |
| Soldering | | Insertion |
| Actuator length | | 5.8mm |
| Operating temperature range | | -10°C to +60°C |
| Rating (max.)/(min.) (Resistive load) | | 0.1A 16V DC/50μA 3V DC |
| Electrical performance | Contact resistance (Initial performance/After lifetime) | 50mΩ max./100mΩ max. |
| | Insulation resistance | 100MΩ min. 100V DC |
| | Voltage proof | 100V AC for 1 minute |
| Mechanical performance | Terminal strength | 5N for 1 minute |
| | Actuator strength | Push direction 20N |
| | Wobble of actuator (load at the tip of shaft: 1N) | Tip of shaft Above 5 and below 10mm Shaft wobble (max. value) 0.9mm |
| Durability | Operating life without load | 10,000 cycles 100mΩ max. |
| | Operating life with load (at max. rated load) | 10,000 cycles 100mΩ max. |
| Environmental performance | Cold | -20±2°C for 96h |

Dry heat

85±2°C for 96h

Damp heat

40±2°C, 90 to 95%RH for 96h

Minimum order unit (pcs.)

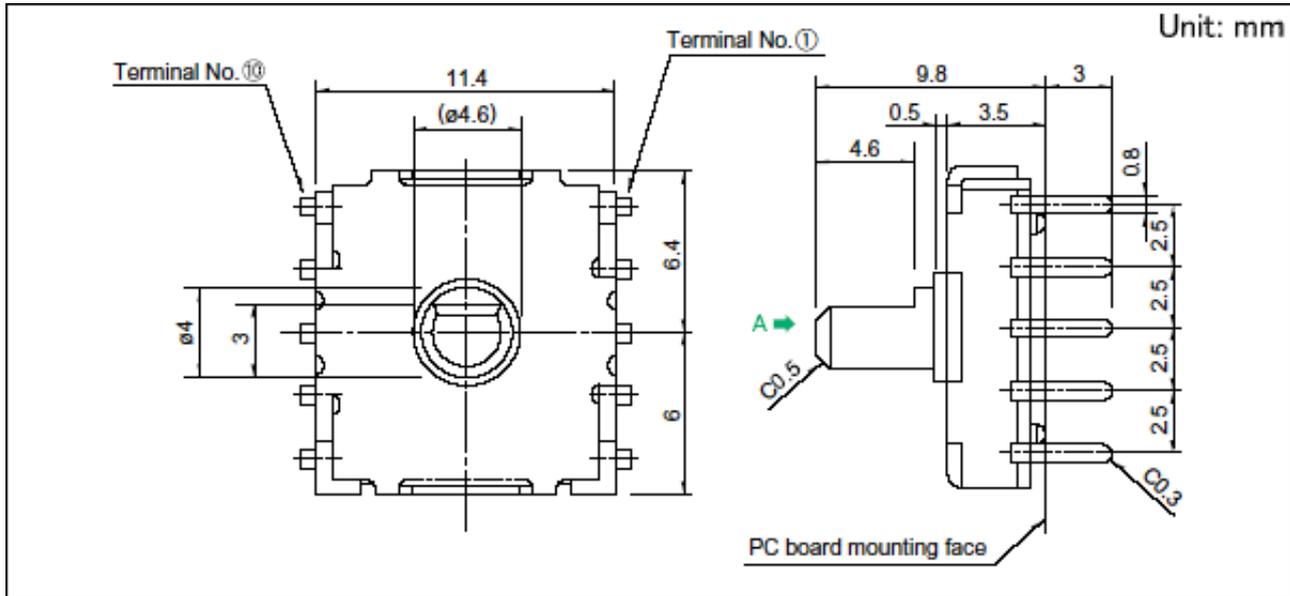
Japan

1,215

Export

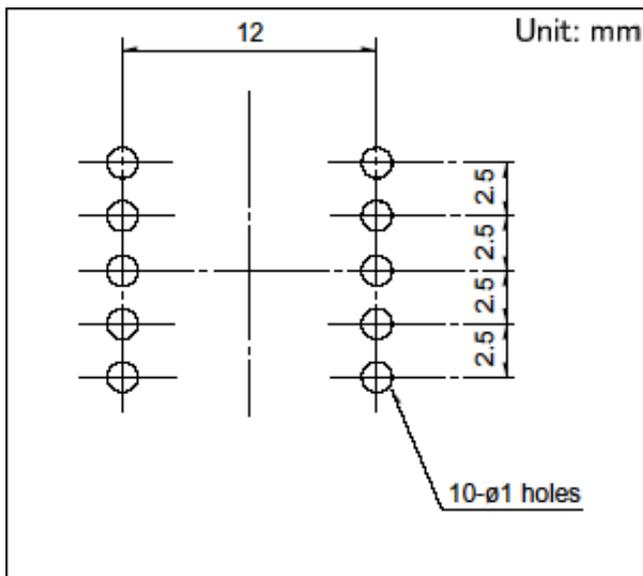
4,860

Dimensions



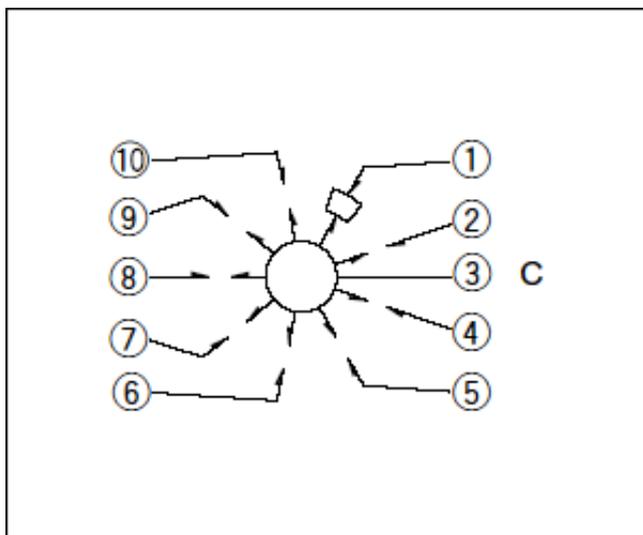
Standard torque

Mounting Hole Dimensions



Viewed from direction A in the dimensions.

Circuit Diagram



Packing Specifications

Tray

| | | |
|----------------------------------|----------------------------|-------------|
| Number of packages (pcs.) | 1 case / Japan | 1,215 |
| | 1 case / export packing | 4,860 |
| Export package measurements (mm) | | 540×360×290 |

Soldering Conditions

Reference for Dip Soldering

| | | |
|---------------|------------------------|---------|
| Items | Preheating temperature | - |
| | Preheating time | - |
| Dip soldering | Soldering temperature | 260±5°C |
| | Duration of immersion | 5±1s |

Reference for Hand Soldering

| | |
|-----------------------|----------|
| Soldering temperature | 350±10°C |
| Soldering time | 3+1/0s |

Notes are common to this series/models.

1. This site catalog shows only outline specifications. When using the products, please obtain formal specifications for supply.
2. Please place purchase orders per minimum order unit (integer).
3. Products other than those listed in the above chart are also available. Please contact us for details.