

8 mm Square Long Travel SMD Light Touch Switches

Type: **EVQQ1**



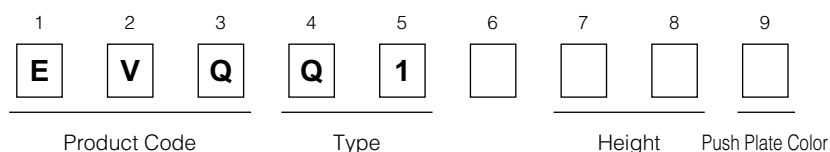
■ Features

- External dimensions : 8.5 mm×8.5 mm, Height 6.5 mm (Including the push plate)
- High operating force which prevents incorrect operation
- Reliable contact (dust-proof design)

■ Recommended Applications

- Switches for car, air conditioners
- Automotive audio equipment
- Steering switches

■ Explanation of Part Numbers



■ Specifications

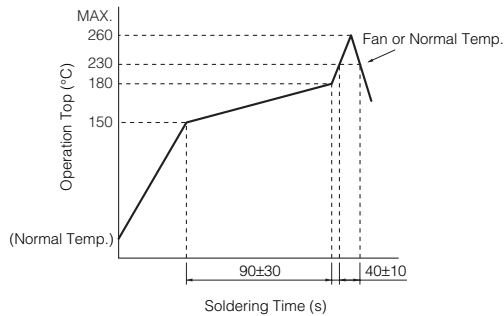
| | | |
|-------------------------------|---|--|
| Type | Snap action/Push-on 1-pole 1-throw SPST | |
| Electrical | Rating | 10 μ A 2 Vdc to 50 mA 12 Vdc (Resistive load) |
| | Contact Resistance | 100 m Ω max. |
| | Insulation Resistance | 100 M Ω min. (at 100 Vdc) |
| | Dielectric Withstanding Voltage | 250 Vac for 1 minute |
| | Bouncing | 10 ms max. (ON, OFF) |
| Mechanical | Operating Force | 4 N, 5 N |
| | Travel | 1.0 mm |
| Endurance | Operating Life | 100000 cycles min. |
| Operating Temperature | | -40 °C to +85 °C |
| Storage Temperature | | -40 °C to +85 °C (Bulk) -20 °C to +60 °C (Taping) |
| Minimum Quantity/Packing Unit | | 1000 pcs. Embossed Taping (Reel Pack) |
| Quantity/Carton | | 10000 pcs. |

Design and specifications are each subject to change without notice. Ask factory for the current technical specifications before purchase and/or use. Should a safety concern arise regarding this product, please be sure to contact us immediately.

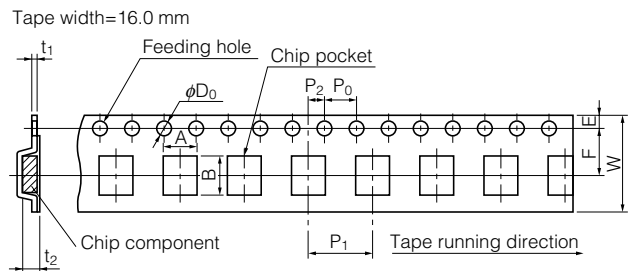
■ Dimensions in mm (not to scale)

| | | |
|-----------------------------------|---|------------------|
| EVQQ1 (Embossed Taping) | | |
| | <p style="text-align: center;">PWB land pattern for reference</p> | |
| Part Numbers | Operating Force | Push Plate Color |
| EVQQ1D06M | 4.0 N | Natural |
| EVQQ1E06K | 5.0 N | Black |

■ Recommended Reflow Soldering Conditions



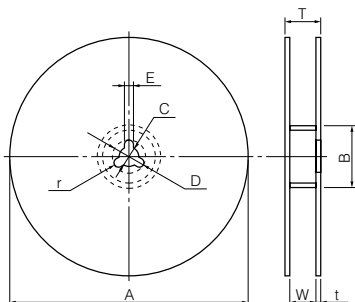
● Embossed Carrier Taping



| Part No. | Height | A | B | W | F | E | P ₁ | P ₂ | P ₀ | D ₀ Dia. | t ₁ | t ₂ |
|----------|--------|---------|----------|----------|---------|-----------|----------------|----------------|----------------|-----------------------------------|----------------|----------------|
| EVQQ1 | 6.5 | 8.9±0.2 | 10.1±0.2 | 16.0±0.3 | 7.5±0.1 | 1.75±0.10 | 12.0±0.1 | 2.0±0.1 | 4.0±0.1 | 1.5 ^{+0.1} ₋₀ | 0.40±0.05 | 6.8±0.2 |

Unit: mm

● Standard Reel Dimensions in mm (not to scale)



| Item | A | B | C | D | E |
|-----------|------------|-----------|-----------|-----------|---------|
| Rate (mm) | φ380.0±2.0 | φ80.0±1.0 | φ13.0±0.5 | φ21.0±1.0 | 2.0±0.5 |

| Item | W | T | t | r |
|-----------|----------|----------|------------|---------|
| Rate (mm) | 17.5±0.5 | 21.5±1.0 | 1.0 to 3.0 | 1.0±0.5 |

单击下面可查看定价，库存，交付和生命周期等信息

[>>Panasonic\(松下\)](#)