

Thermo-Silicone Insulators / Thermo-Silicone Tubes

G9833 = Product group; Product group discount G 98 3_

Thermo-Silicone Insulators

Material Width: 0,3mm
(Reinforced Fiber Glass)
Colour: Grey
Series: SIS30

Features

- High thermal conductance
- Mechanical stability due to reinforced glass fiber
- Very flexible
- No heat conductor pastes necessary
- Flame retardant in accordance with UL94V0

Technical Specifications

Material:Silicon with Reinforced Glass Fiber
Filling:Heat Conductive Ceramic
Material Thickness:0,3mm $\pm 0,05$
Dielectric Voltage¹⁾:7000V AC
Flammability Class:UL94V0
Thermal Conductance:1,9W/mK
Thermal Resistance²⁾:0,45°C/W
Operating Temperature:-60...+200°C

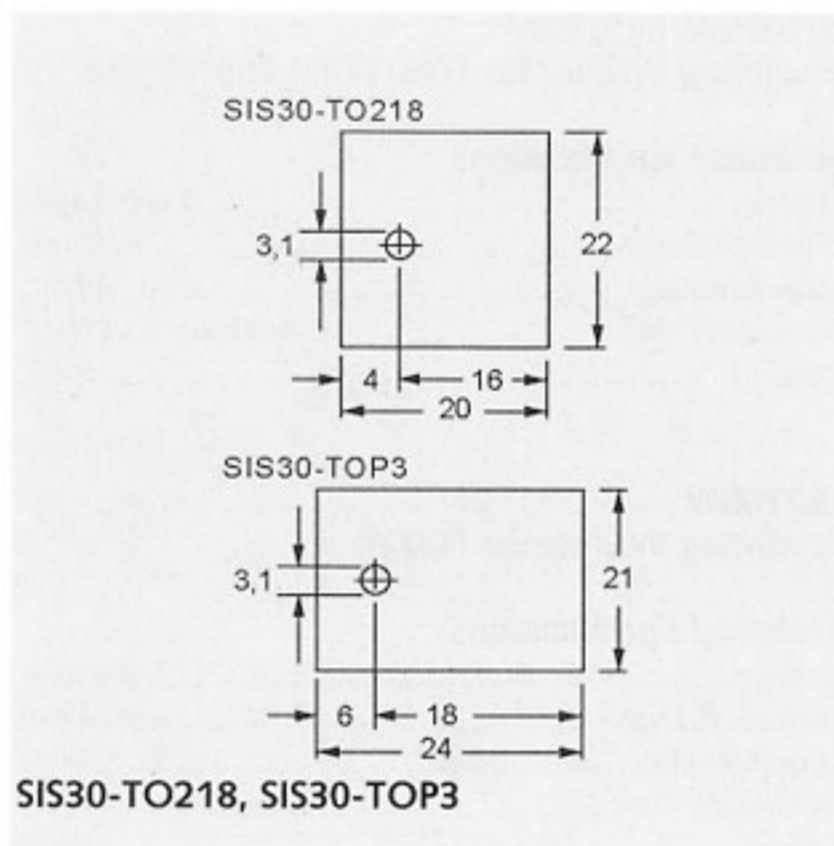
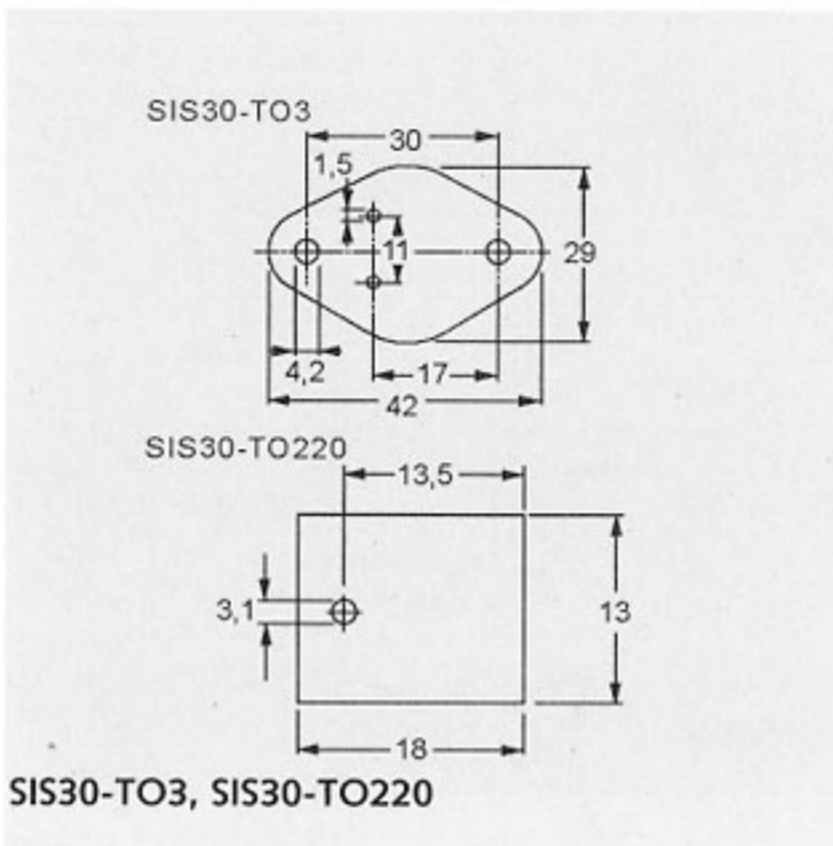
¹⁾ Voltage Ramp 1000V/s, ²⁾at Approx. 1,3MPa

Terms of Delivery

Minimum order quantity: 1 PKU = 100 pieces
SIS30-TO3: 1 PKU = 25 pieces

Manufacturer: Various

| Part Nr. | Part description |
|-------------|------------------------------------------|
| SIS30-TO3 | Silicone Insulator Gl. Fiber 0,3mm TO3 |
| SIS30-TO220 | Silicone Insulator Gl. Fiber 0,3mm TO220 |
| SIS30-TO218 | Silicone Insulator Gl. Fiber 0,3mm TO218 |
| SIS30-TOP3 | Silicone Insulator Gl. Fiber 0,3mm TOP3 |



G9835 = Product group; Product group discount G 98 3_

FISCHER Thermo-Silicone Tubes

Material Width: 0,3mm
Colour: Grey
Series: WSC

Features

- Good surface contact, assembly without heat conductor paste
- Insulation of voltage-carrying semiconductor terminals

Technical Specifications

Material:Silicone Foil
Dielectric Strength:10kV/mm
Insulation Resistance: $2,9 \times 10^{15} \Omega/cm$
Thermal Conductance:1,22W/mK
Operating Temperature:-60...180°C

| Part Nr. | For Housing | Material Strength | InnerØ | Length |
|----------|-------------|-------------------|--------|--------|
| | | [mm] | [mm] | [mm] |
| WSC220 | TO220 | 0,3 | 11,0 | 25 |
| WSC3P | TOP3 | 0,3 | 13,5 | 25 |

Terms of Delivery

Minimum order quantity: 1 PKU = 25 pieces

Manufacturer: **fischer**
elektrotechnik

<http://www.fischerelektronik.de>

| Part Nr. | Part description |
|----------|-------------------------------|
| WSC220 | Silicone Tubes 11x25mm TO220 |
| WSC3P | Silicone Tubes 13,5x25mm TOP3 |

