GP300
Gap Pad

GP300 is a silicone, thermally conductive material for use at a thermal interface. GP300 is specifically developed as a low thermal resistance gap pad.

- Works well under low pressure
- Good thermal conductivity; 3.0 W/m.K
- Excellent electrical insulation
- High heat dissipation; low thermal resistance

Approvals

RoHS-2 Compliant (2015/863/EU): Yes

Typical Properties

- Colour: Sky Blue
- Density @ 20°C (g/ml): 3.0
- Thickness (mm): 0.5 – 1.0
- Hardness (Shore C): 40
- Tensile Strength (MPa): 0.30
- Thermal Conductivity: 3.0 W/m.K
- Temperature Range: -50°C to +160°C
- Thermal Resistance (°C.in²/W): 0.99
- Elongation (%): 86.5
- Volume Resistivity (Ω·cm): 2.3 x 10¹¹
- Dielectric Strength (kV/mm): 7.5
- Dielectric Constant @1MHz: 6.33
- Dielectric Loss: 0.0021
- Compression Ratio (% @ 50psi): 52
- Weight Loss (120°C, 7 days): 0.68%

Description | Order Code | Dimension of Gap Pad
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Gap Pad | GP300S | 200 x 200 x 0.5 mm
Gap Pad | GP300SL | 200 x 200 x 1.0 mm