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.in^2/W):	0.99
	Elongation (%):	86.5
	Volume Resistivity (Ω·cm):	2.3 x 10^{11}
	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**
Gap Pad	GP300S	200 x 200 x 0.5 mm
Gap Pad	GP300SL	200 x 200 x 1.0 mm

Revision 2: October 2017

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