

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 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%

<u>Description</u>	<u>Order Code</u>	<u>Dimension of Gap Pad</u>	<u>Shelf Life</u>
<u>Gap Pad</u>	GP300S	200 x 200 x 0.5 mm	72 months
<u>Gap Pad</u>	GP300SL	200 x 200 x 1.0 mm	72 months
<u>Gap Pad</u>	GP300SL5DOTS	215 x 111 x 1.0 mm + 5mm Diameter Holes	72 months

Revision 5: June 2019