

PariPoser® Interconnect 0.1mm Pitch



PariPoser® material is an anisotropic conductive elastomer. It conducts an electric current vertically through the elastomer, not horizontally.

RECOMMENDED PCB SPECIFICATIONS

Pitch of Contact Pads	0.1mm
Pad Diameter	0.06mm
Gap between Pads	0.04mm
Pad Height (combined)	0.018mm

MECHANICAL PROPERTIES

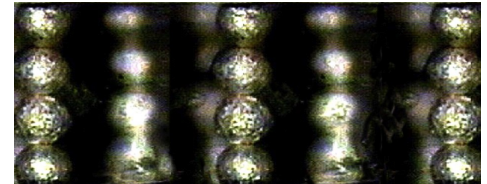
Pitch of Particle Columns	0.020mm
Contact Length	0.05mm
Typical Compression	0.015mm (30%)
Out Gassing (CVCN)	0.07%
Loading	0.5g/pad

ELECTRICAL CHARACTERISTICS

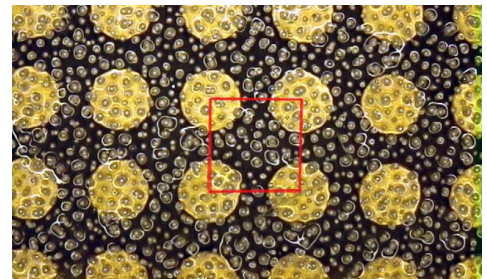
CRES	20mΩ
Bandwidth (S21)	>90GHz
Current Rating	0.25 amps per pad
Normalized Thermal Conductivity	10000W/m ² K
Breakdown Voltage	Exceeds breakdown of FR-4

Ordering options for PariPoser®

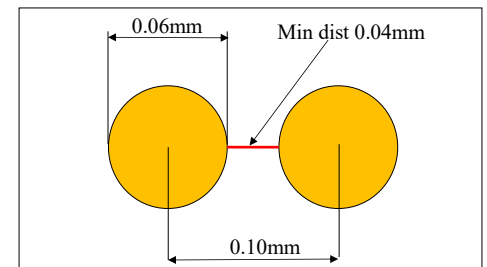
Curing	Formulation
Regular	Silver
Space	Gold
Non-Stick	Thermal Silver
Special	Thermal Gold



Cross section view of PariPoser® material



30 to 50 BallWires per pitch square

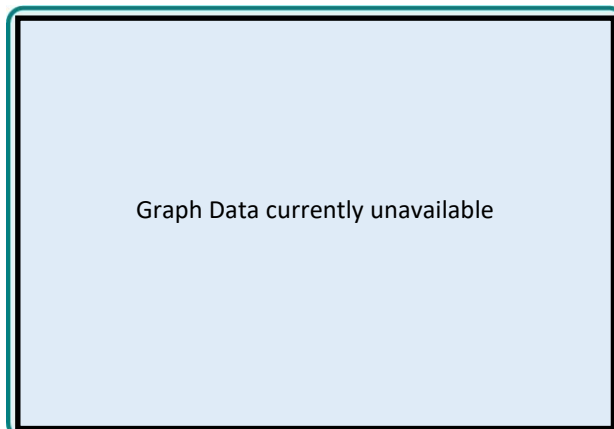


Recommended Pad Diameter/Pitch

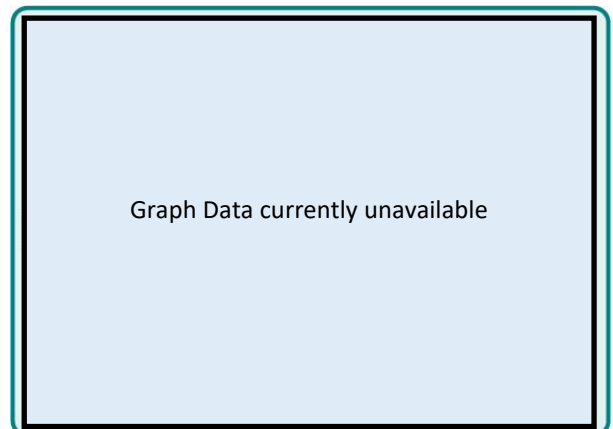


Recommended Pad Height

Insertion Loss



Return Loss



S-Parameters available upon request

PARIPOSER