

PariPoser® Interconnect 1.0mm Pitch



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

RECOMMENDED PCB SPECIFICATIONS

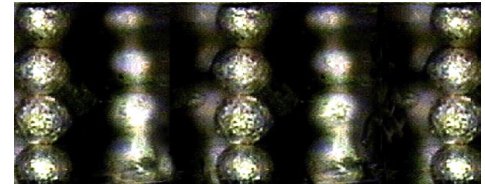
Pitch of Contact Pads	1.0mm
Pad Diameter	0.6mm
Gap between Pads	0.4mm
Pad Height (combined)	0.071mm

MECHANICAL PROPERTIES

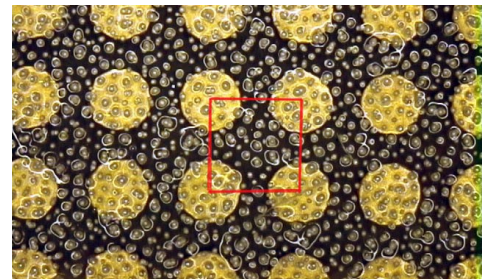
Pitch of Particle Columns	0.170mm
Contact Length	0.25mm
Typical Compression	0.075mm (30%)
Out Gassing (CVCN)	0.07%
Loading	50g/pad

ELECTRICAL CHARACTERISTICS

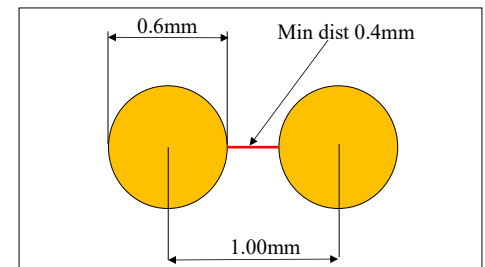
CRES	20mΩ
Bandwidth (S21)	>90GHz
Current Rating	20 amps per pad
Normalized Thermal Conductivity	2000W/m ² K
Breakdown Voltage	Exceeds breakdown of FR-4



Cross section view of PariPoser® material



30 to 50 BallWires per pitch square



Recommended Pad Diameter/Pitch

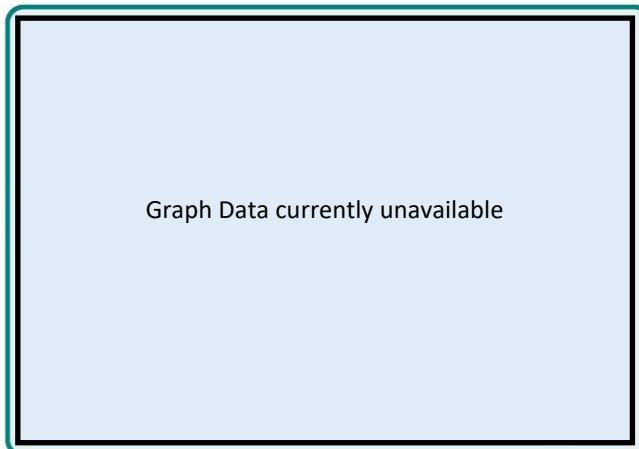


Recommended Pad Height

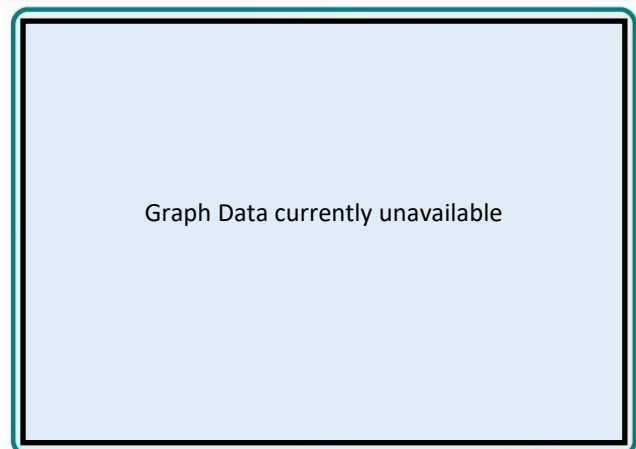
Ordering options for PariPoser®

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

Insertion Loss



Return Loss



S-Parameters available upon request

PARIPOSER