

# PariPoser® Interconnect 0.5mm Pitch



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

## RECOMMENDED PCB SPECIFICATIONS

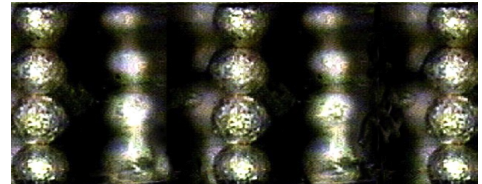
Pitch of Contact Pads	0.5mm
Pad Diameter	0.3mm
Gap between Pads	0.20mm
Pad Height (combined)	0.035mm

## MECHANICAL PROPERTIES

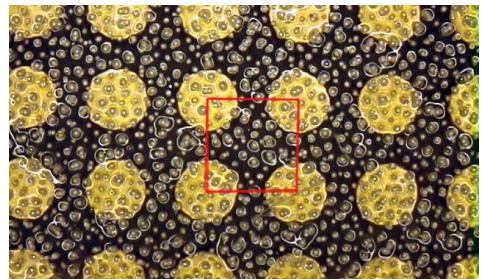
Pitch of Particle Columns	0.080mm
Contact Length	0.14mm
Typical Compression	0.04mm (30%)
Out Gassing (CVCN)	0.07%
Loading	12.5g/pad

## ELECTRICAL CHARACTERISTICS

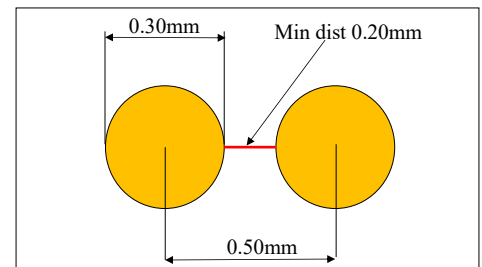
CRES	20mΩ
Bandwidth (S21)	>90GHz
Current Rating	8 amps per pad
Normalized Thermal Conductivity	3600W/m <sup>2</sup> K
Breakdown Voltage	Exceeds breakdown of FR-4



Cross section view of PariPoser® material



30 to 50 BallWires per pitch square



Recommended Pad Diameter/Pitch

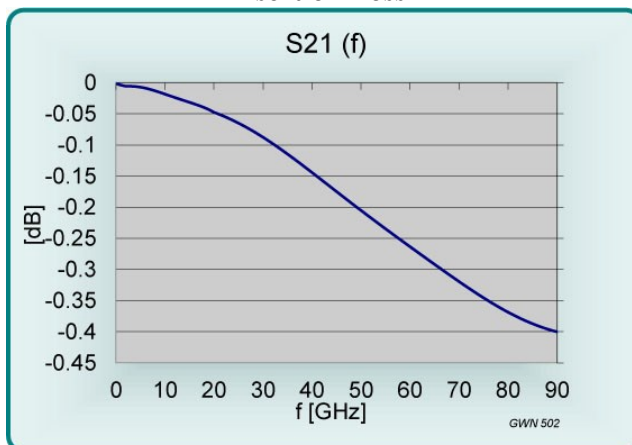


Recommended Pad Height

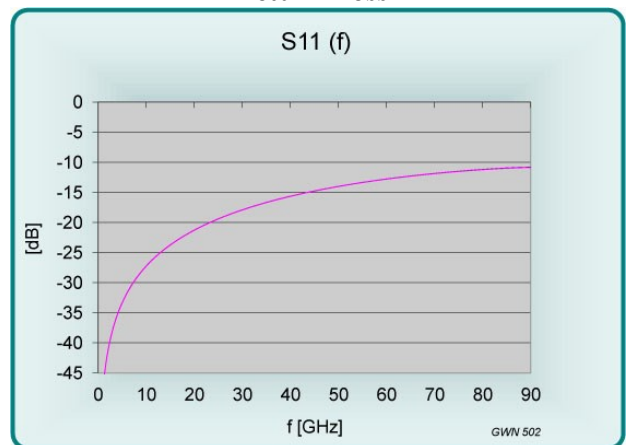
## Ordering options for PariPoser®

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

## Insertion Loss



## Return Loss



S-Parameters available upon request

PARIPOSER