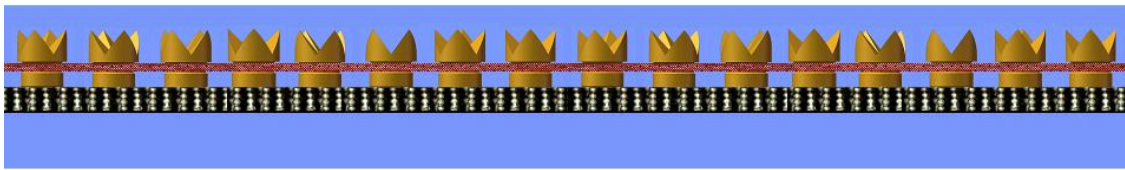




PariProbe[®] BGA Socket Family

Paricon Technologies has combined the best of Crown contact design with the PariPoser[®] contact system to create a BGA contact that provides un-matched electrical performance at the lowest cost of ownership. The unique, patented design allows the rapid manufacture of BGA test sockets for all size devices.



Preliminary Specifications⁺

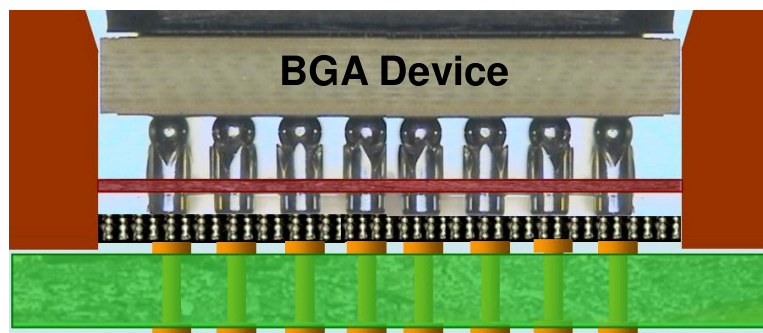
⇒ Insertion Loss	< 1 dB loss at 40 GHz
⇒ Contact Mechanical Length	< 1 mm
⇒ Contact Electrical Length	4-9 ps [#]
⇒ Characteristic Impedance	47-57 Ω [#]
⇒ DC Resistance	<30 mΩ
⇒ Capacitance	0.09 - 0.2 pf [#]
⇒ Inductance	0.1-0.4 nh [#]
⇒ Return Loss	>-10dB at 40 GHz
⇒ VSWR	better than 2:1 at 40 GHz
⇒ Delay	<5 ps
⇒ Contact Pitch	1.0, 0.8, 0.65, 0.5, 0.4 mm



+ Independent Electrical test data available upon request

Varies with contact pitch

For custom products contact the factory



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This Product is covered by one or more of the following US patents
6,447,308 6,497,583 6,649,115 6,702,587 6,769,313 6,802,720
6,835,072 6,854,985 6,854,986 6,929,484 7,017,260 7,033,184
7,059,874 7,063,542 7,077,659 7,223,105 7,242,583 7,249,954
7,336,091 7,397,255 7,408,367 7,520,761 7,569,916