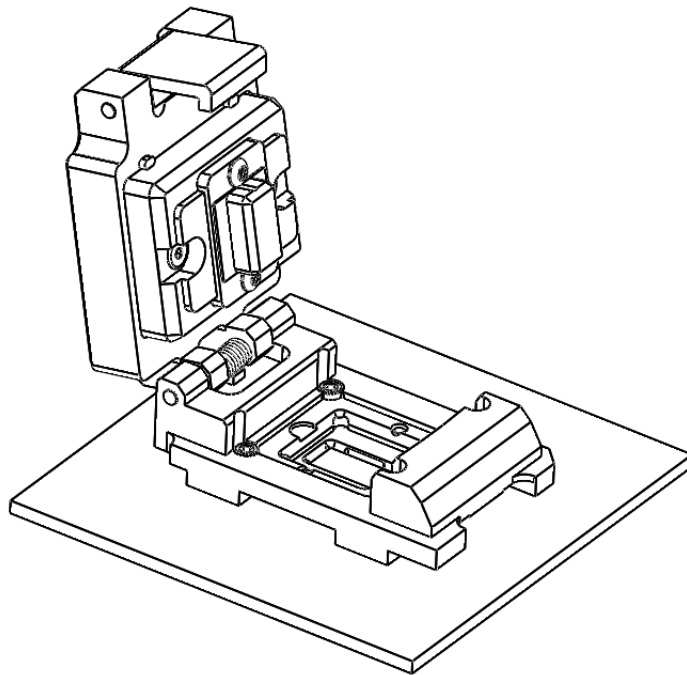
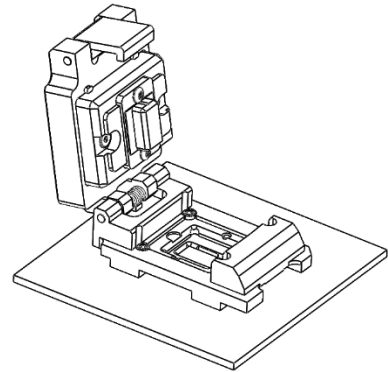
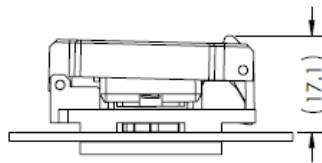
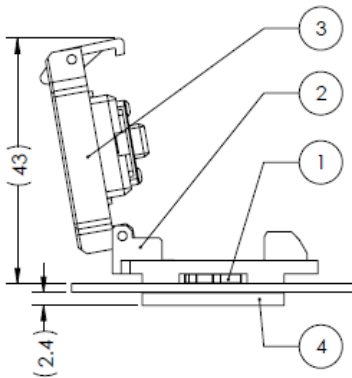
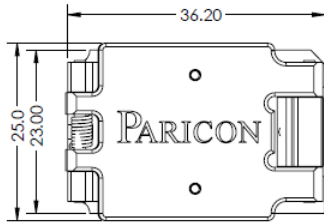


Clamshell Socket Assembly [F01]



Clamshell Socket Up to 10x10mm

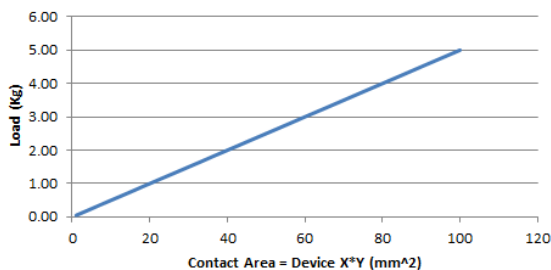


1. Alignment Frame w/ PariPoser® Elastomer
2. Base Plate
3. Load Clamp Cover
4. Support Plate / Base Plate

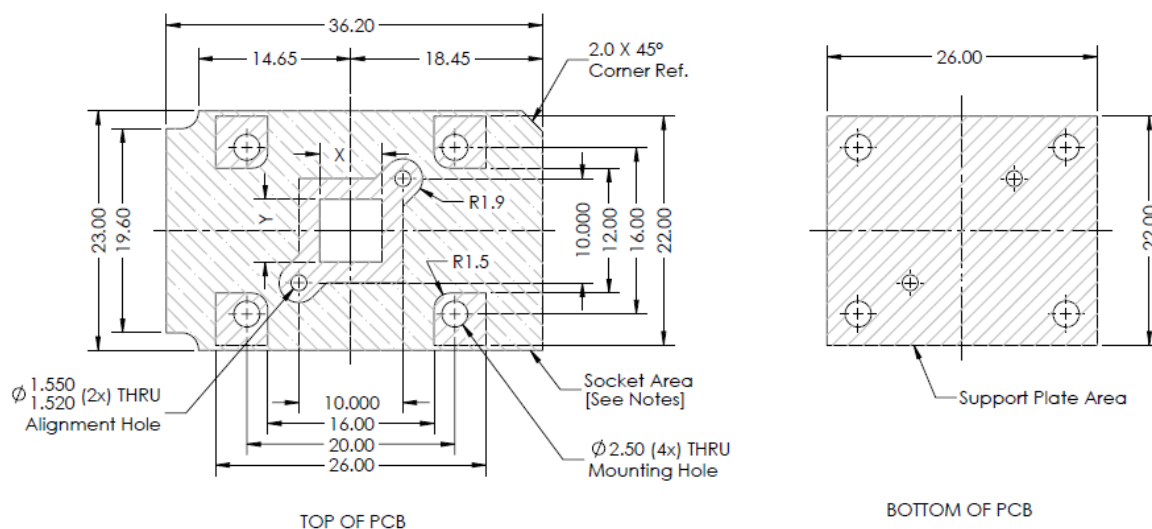
Clamshell Socket

- Test Socket, Application/OEM Socket
- Automatically Loaded by Closing Socket
- Spring Loaded Hinge for Easy Opening of Socket
- For Device Sizes: **Up to 10x10mm**
- 0.1 to 1.27mm Pitch Applications
- Compatible with most devices (e.g. LGA, QFN, BGA, Copper Pillar)
- Small X,Y Profile
- Nominal Clamp Load for 10x10mm LGA: **5.0 kg** [11 lbs]
- Customizable Features:
 - Alignment frame can be modified to include RF trace clearance

The compact design results in a small footprint, ideal for applications with limited space and low wattage, as the enclosed design limits heat dissipation. The clamshell nature of the socket means that the socket has no loose parts during device insertion.



Clamshell Socket – Standard Footprint Drawing Up to 6x6mm



X.	± 1.0
X.X	± 0.25
X.XX	± 0.10
X.XXX	± 0.025

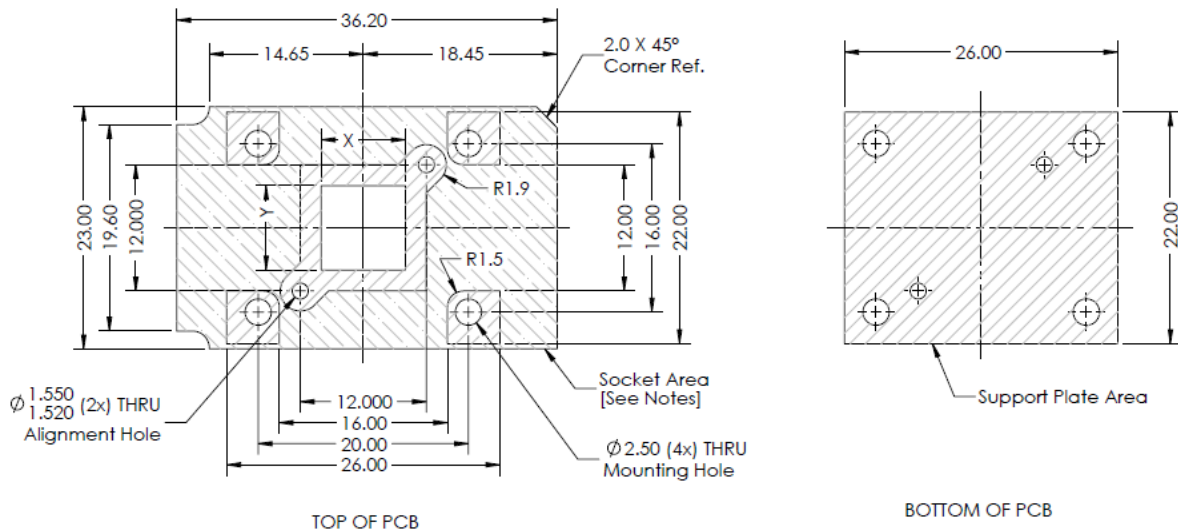
Tolerances on dimensions shown may vary by device pitch.

Recommended PCB Attributes:

- No soldermask within device area
- ENIG or Hard Gold plating on pads

Package Size: X: Up to 6mm
Y: Up to 6mm

Clamshell Socket – Standard Footprint Drawing Up to 8x8mm



-  Height over PCB: 0.00mm (Component Keep Out Zone)
-  Height over PCB: 1.60mm

X.	± 1.0
X.X	± 0.25
X.XX	± 0.10
X.XXX	± 0.025

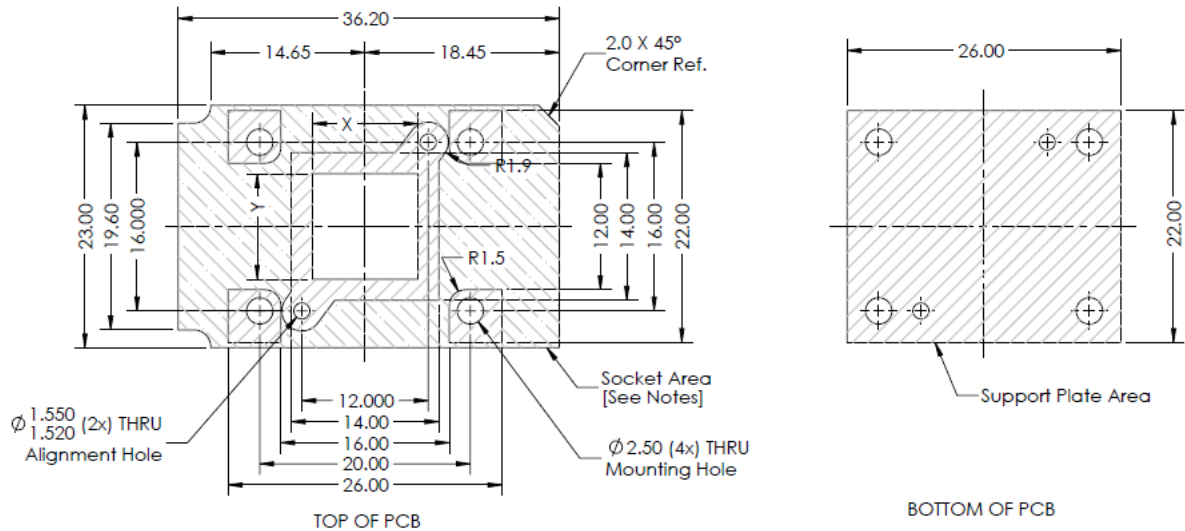
Tolerances on dimensions shown may vary by device pitch.

Recommended PCB Attributes:

- No soldermask within device area
- ENIG or Hard Gold plating on pads

Package Size: X: Up to 8mm
 Y: Up to 8mm

Clamshell Socket – Standard Footprint Drawing Up to 10x10mm



X.	± 1.0
X.X	± 0.25
X.XX	± 0.10
X.XXX	± 0.025

Tolerances on dimensions shown may vary by device pitch.

Recommended PCB Attributes:

- No soldermask within device area
- ENIG or Hard Gold plating on pads

Package Size: X: Up to 10mm
Y: Up to 10mm