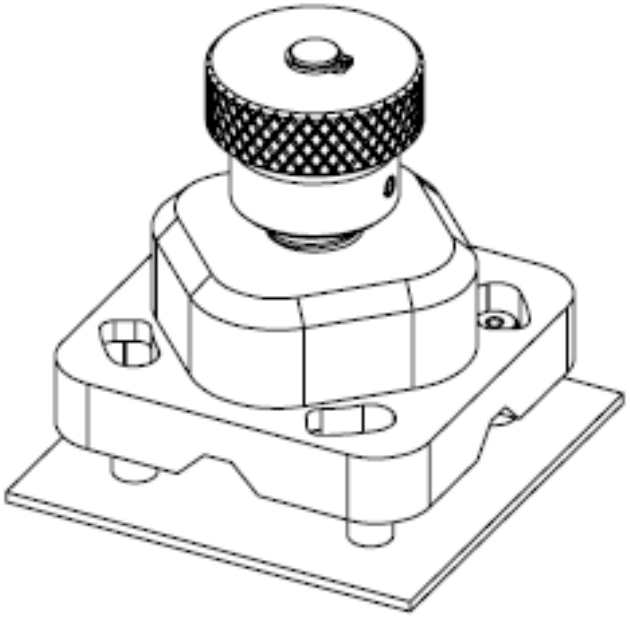
Adjustable, Swivel Top Socket Assembly [F14]



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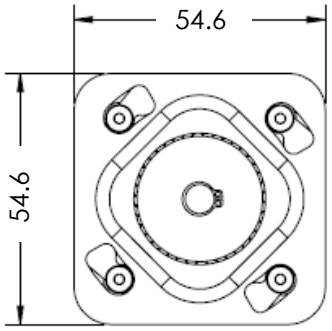
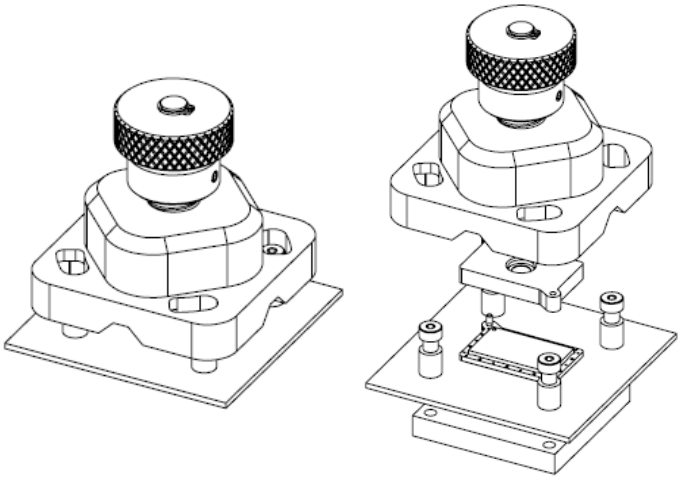
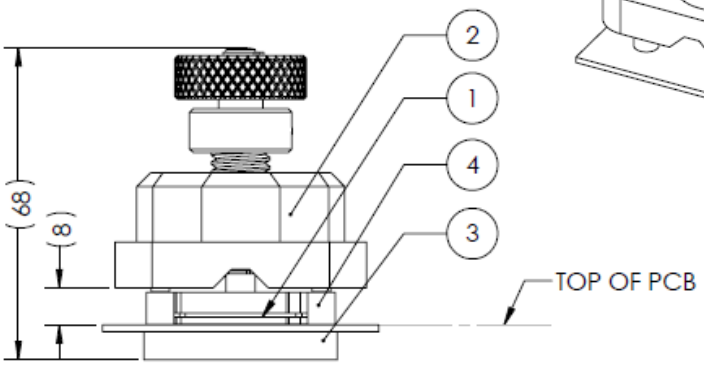
Adjustable, Swivel Top Socket
35mm Bolt Pattern



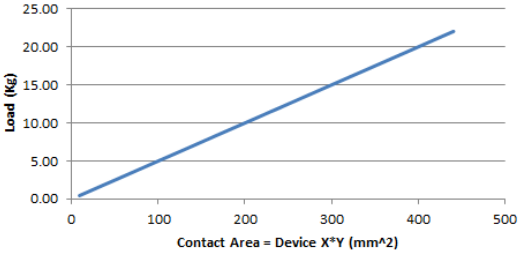




1. Alignment Frame
   w/ PariPoser® Elastomer
2. Load Clamp Cover
3. Support Plate
4. Mounting Screw (4x)

Adjustable, Swivel Top Socket (35mm)

- Test Socket
- Manually Loaded with Key-Lock Clamp Cover
- Allows PCB components to be close to device
- For Device Sizes: 3x3mm to 22x22mm, or Equivalent Contact Area Range
- 0.1 to 1.27mm Pitch Applications
- Compatible with most devices (e.g. LGA, QFN, BGA, Copper Pillar)
- Nominal Clamp Load for 22x22mm LGA: 22.7 kg [50 lbs.]
- Clamp Load Adjustable, Initial Factory Preset Based on Application
- Customizable Features:
  - Alignment frame can be modified to include RF trace clearance
  - Metric or Imperial mounting hardware
  - Allows for heat dissipation possibilities
  - Support plate clearance for components under the PCB
  - Please inquire regarding higher load and customer specific footprints.



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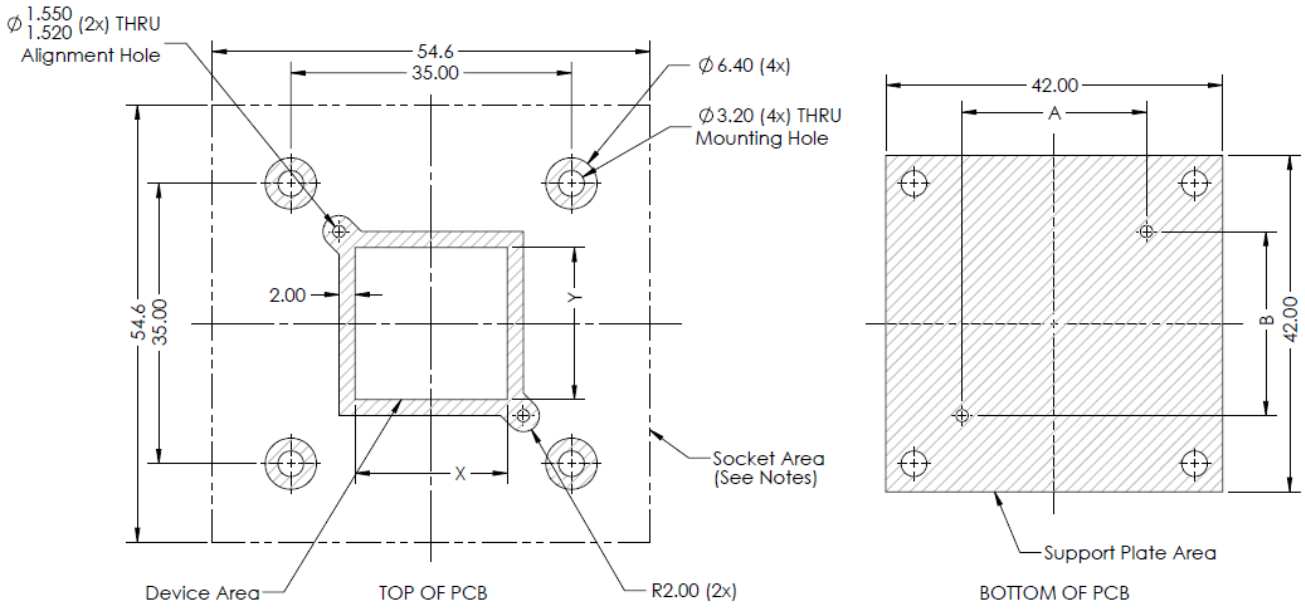
Adjustable, Swivel Top Socket – Standard Footprint Drawing
35mm Bolt Pattern (3x3 to 16x16mm)



Label	Dimension	Tolerance
X	Device X Dimension	
Y	Device Y Dimension	
A	X + 4.00 (mm)	+/-0.025
B	Y + 4.00 (mm)	+/-0.025

Nominal Device Sizes

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

Tolerances on dimensions shown may vary by device pitch.

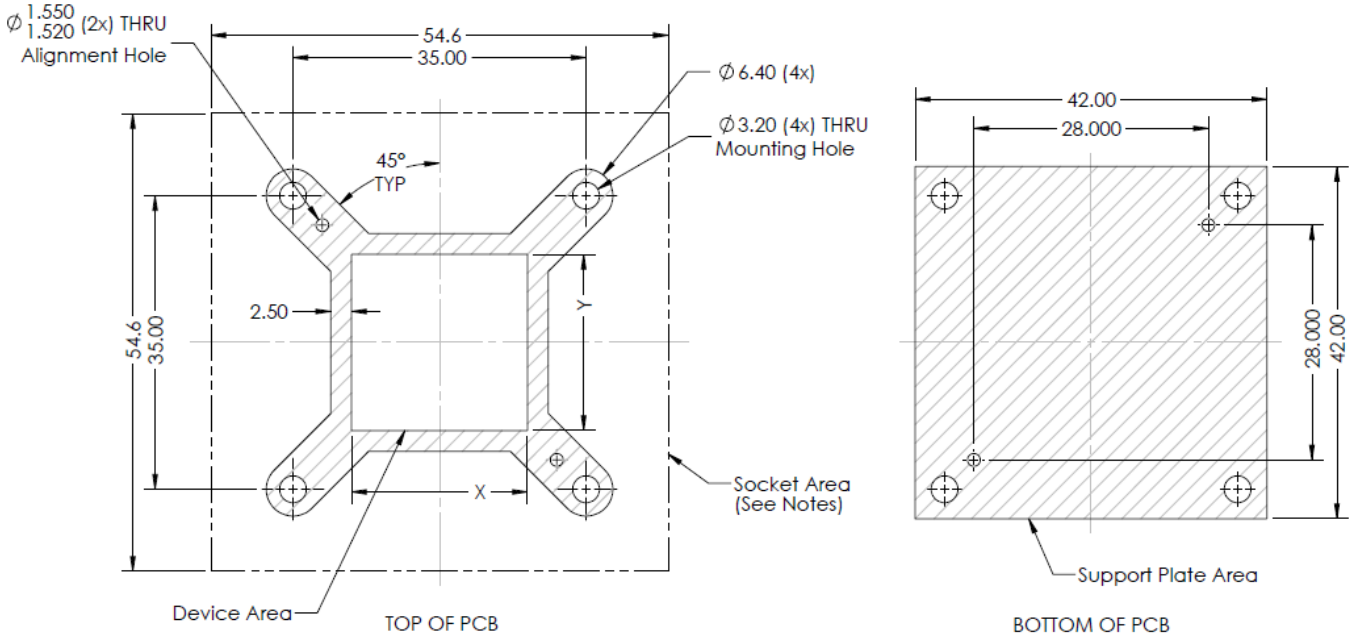
Hatched Regions: Socket Clamp Area (Component Keep Out Zone)
Clearance under Socket Area (Top of PCB): 8.0mm
Recommended Device Sizes: 3x3mm to 16x16mm

- Device sizes outside the recommended device size range may require a custom socket footprint.

Recommended PCB Attributes:

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

Adjustable, Swivel Top Socket – Standard Footprint Drawing
35mm Bolt Pattern (15x15 to 22x22mm)



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

Tolerances on dimensions shown may vary by device pitch.

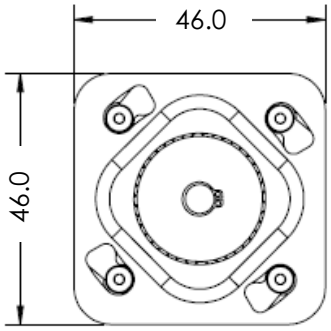
Hatched Regions: Socket Clamp Area (Component Keep Out Zone)
Clearance under Socket Area (Top of PCB): 8.0mm
Recommended Device Sizes:

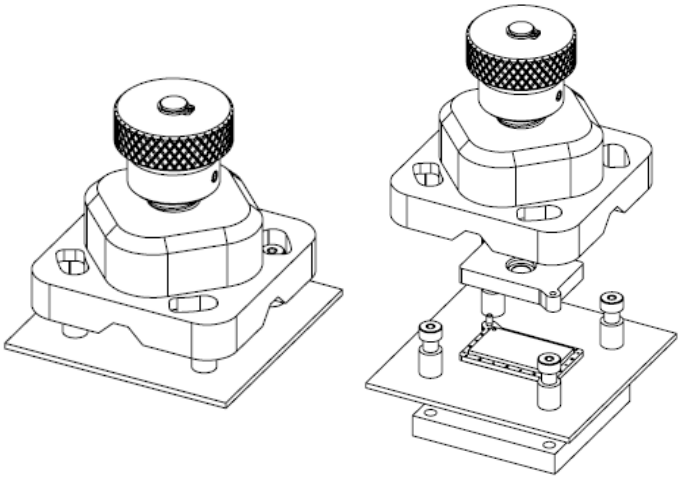
- X = 15 to 22mm (Nominal)
- Y = 15 to 22mm (Nominal)
- Device sizes outside the recommended device size range may require a custom socket footprint..

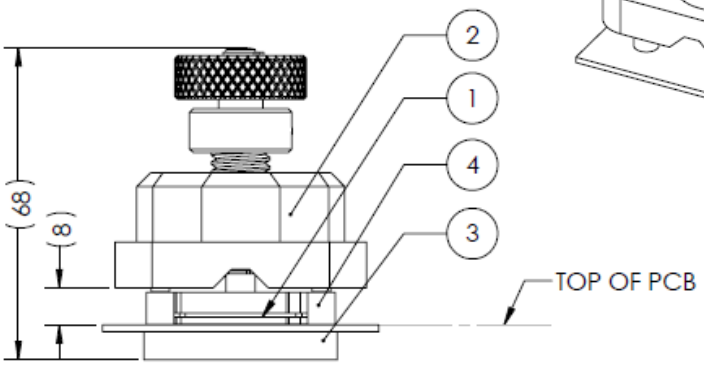
Recommended PCB Attributes:

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

Adjustable, Swivel Top Socket
30mm Bolt Pattern



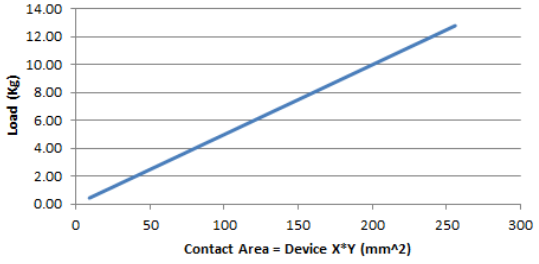




1. Alignment Frame
   w/ PariPoser® Elastomer
2. Load Clamp Cover
3. Support Plate
4. Mounting Screw (4x)

Adjustable, Swivel Top Socket (30mm)

- Test Socket
- Manually Loaded with Key-Lock Clamp Cover
- Allows PCB components to be close to device
- For Device Sizes: 3x3mm to 16x16mm, or Equivalent Contact Area Range
- 0.1 to 1.27mm Pitch Applications
- Compatible with most devices (e.g. LGA, QFN, BGA, Copper Pillar)
- Nominal Clamp Load for 16x16mm LGA: 12 kg [26.5 lbs.]
- Clamp Load Adjustable, Initial Factory Preset Based on Application
- Customizable Features:
  - Alignment frame can be modified to include RF trace clearance
  - Metric or Imperial mounting hardware
  - Allows for heat dissipation possibilities
  - Support plate clearance for components under the PCB
  - Please inquire regarding higher load and customer specific footprints.



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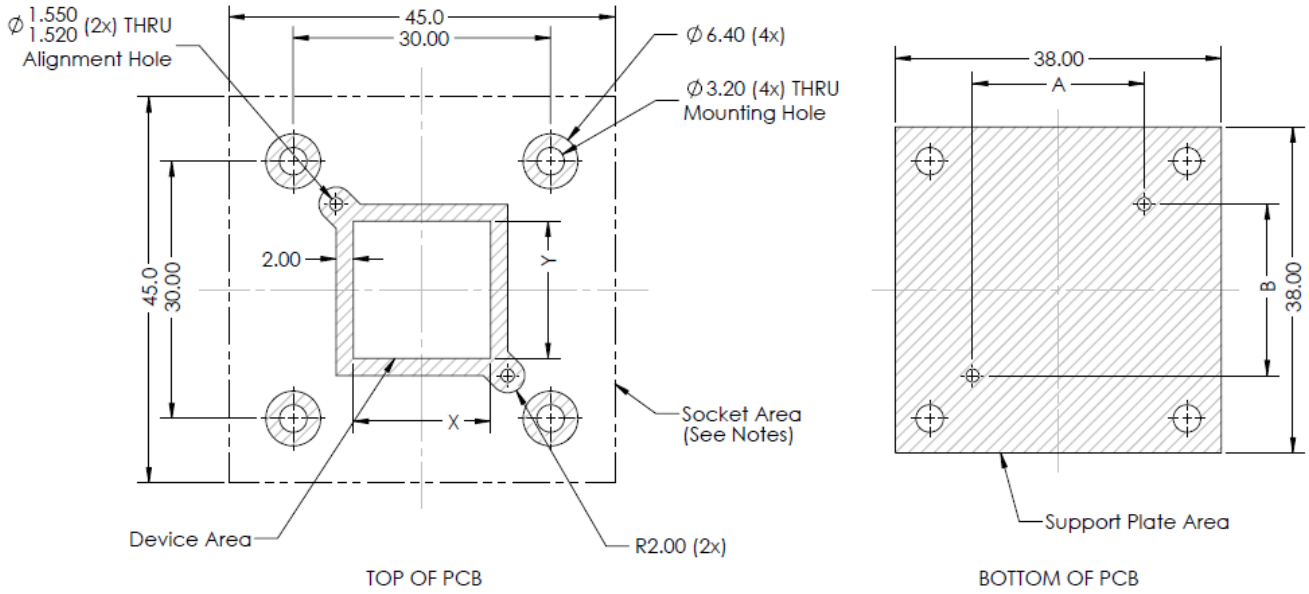
Adjustable, Swivel Top Socket – Standard Footprint Drawing
30mm Bolt Pattern (3x3 to 16x16mm)



Label	Dimension	Tolerance
X	Device X Dimension	
Y	Device Y Dimension	
A	X + 4.00 (mm)	+/-0.025
B	Y + 4.00 (mm)	+/-0.025

Nominal Device Sizes

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

Tolerances on dimensions shown may vary by device pitch.

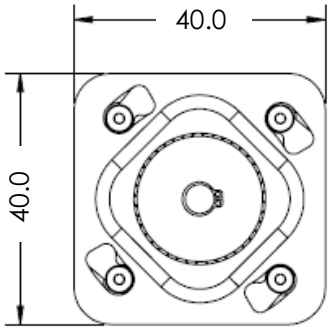
Hatched Regions: Socket Clamp Area (Component Keep Out Zone)
Clearance under Socket Area (Top of PCB): 8.0mm
Recommended Device Sizes: 3x3mm to 16x16mm

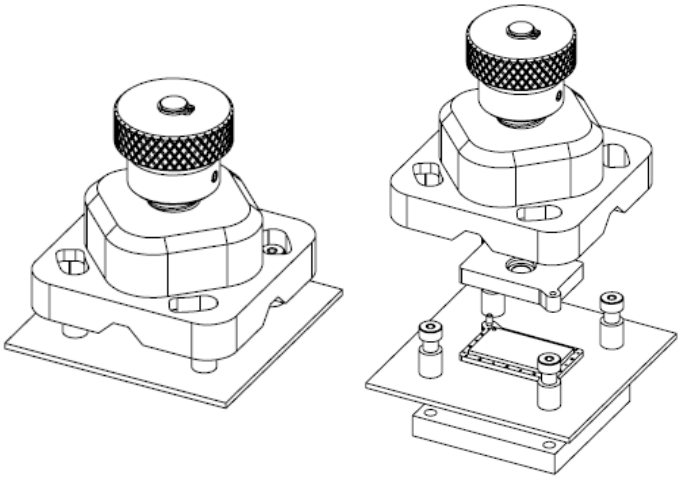
- Device sizes outside the recommended device size range may require a custom socket footprint.

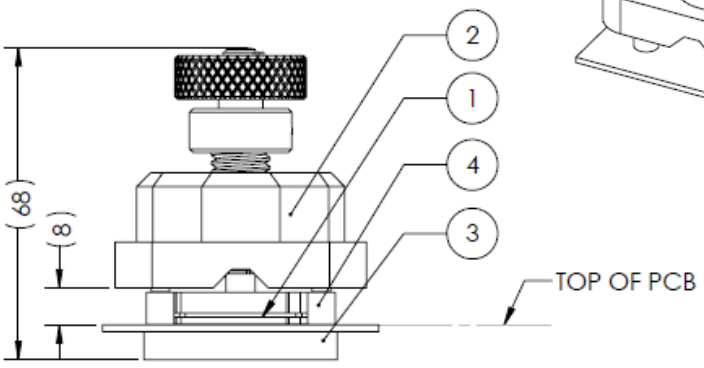
Recommended PCB Attributes:

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

Adjustable, Swivel Top Socket
25.4mm Bolt Pattern



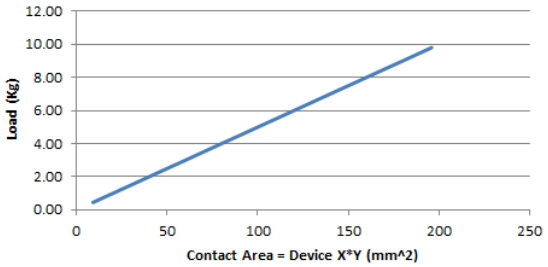




1. Alignment Frame
   w/ PariPoser® Elastomer
2. Load Clamp Cover
3. Support Plate
4. Mounting Screw (4x)

Adjustable, Swivel Top Socket (25.4mm)

- Test Socket
- Manually Loaded with Key-Lock Clamp Cover
- Allows PCB components to be close to device
- For Device Sizes: 3x3mm to 14x14mm, or Equivalent Contact Area Range
- 0.1 to 1.27mm Pitch Applications
- Nominal Clamp Load for 14x14mm LGA: Up to 10 kg [22 lbs.]
- Clamp Load Adjustable, Initial Factory Preset Based on Application
- Customizable Features:
  - Alignment frame can be modified to include RF trace clearance
  - Metric or Imperial mounting hardware
  - Allows for heat dissipation possibilities
  - Support plate clearance for components under the PCB
  - Please inquire regarding higher load and customer specific footprints.



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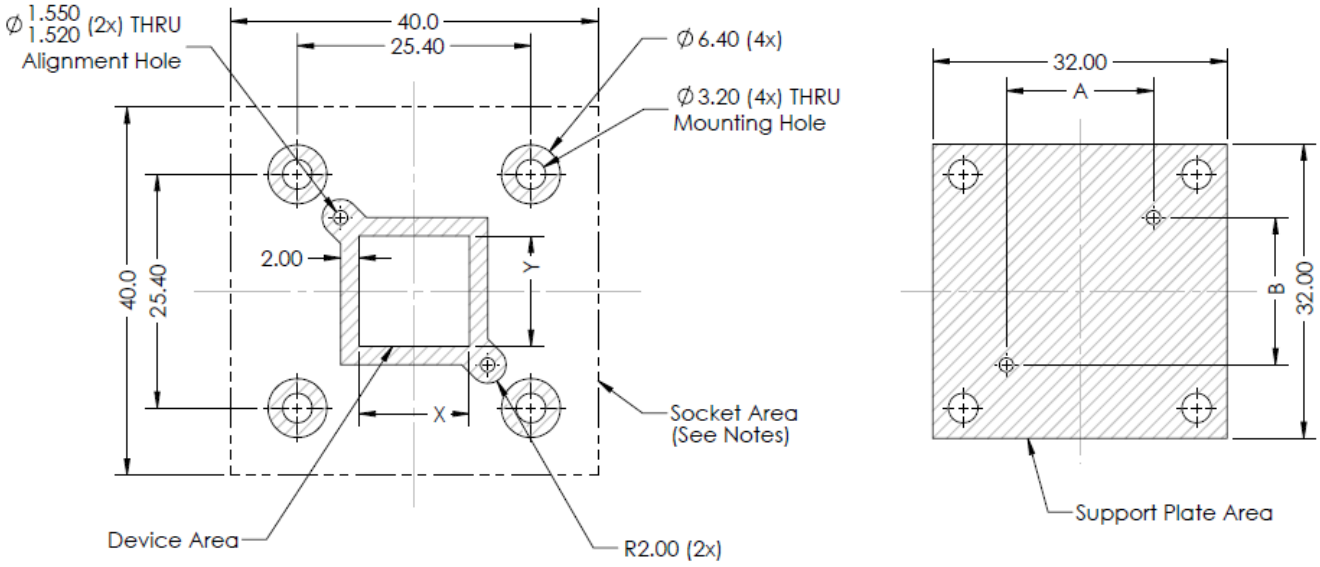
Adjustable, Swivel Top Socket – Standard Footprint Drawing
25.4mm Bolt Pattern (3x3 to 14x14mm)



TOP OF PCB

BOTTOM OF PCB

Label	Dimension	Tolerance
X	Device X Dimension	
Y	Device Y Dimension	
A	X + 4.00 (mm)	+/-0.025
B	Y + 4.00 (mm)	+/-0.025

Nominal Device Sizes

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

Tolerances on dimensions shown may vary by device pitch.

Hatched Regions: Socket Clamp Area (Component Keep Out Zone)
Clearance under Socket Area (Top of PCB): 8.0mm
Recommended Device Sizes: 3x3mm to 14x14mm

- Device sizes outside the recommended device size range may require a custom socket footprint..

Recommended PCB Attributes:

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