

Features:

- Soldering BGA Device to adapter subjects BGA to less thermal stress than soldering BGA directly to a PCB due to the adapter's lower mass.
- Uses same footprint as BGA device.
- Custom adapters available for heat sink attachment.
- Gold plated screw-machined terminals for superior durability.
- Unique SMT Adapter provides reliable solution for mounting or socketing LGA or re-worked BGA devices.
- SMT Adapters mate with our BGA Sockets for LGA to BGA conversion or SMT Board to Board applications.

Specifications:

Terminals:

Brass - Copper Alloy
(C36000) ASTM-B-16

Plating:

G - Gold over Nickel

Gold per MIL-G-45204
Nickel per QQ-N-290

Table of Models

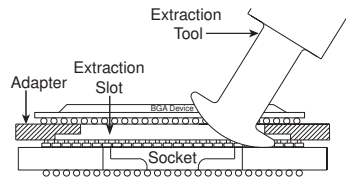
	<p>Description: Standard Adapter (A) Material: FR-4 Fiberglass Epoxy Board Index: -40°C to 140°C (-40°F to 284°F) Note: Mates with Standard Socket (S)</p>	<p>Insulator Size: BGA device body +.079/(2.00mm)</p>
	<p>Description: Extraction Slot Adapter (AX) Material: FR-4 Fiberglass Epoxy Board Index: -40°C to 140°C (-40°F to 284°F) Note: Mates with Extraction Socket (SB)</p>	<p>Insulator Size: BGA device body +.157/(4.00mm)</p>
	<p>Description: SMT Adapter (A or AX) Material: FR-4 Fiberglass Epoxy Board Index: -40°C to 140°C (-40°F to 284°F) Note: For use with LGA or reworked BGA devices</p>	<p>Insulator Size: BGA device body +.079/(2.00mm)[A] +.157/(4.00mm)[AX]</p>

Options

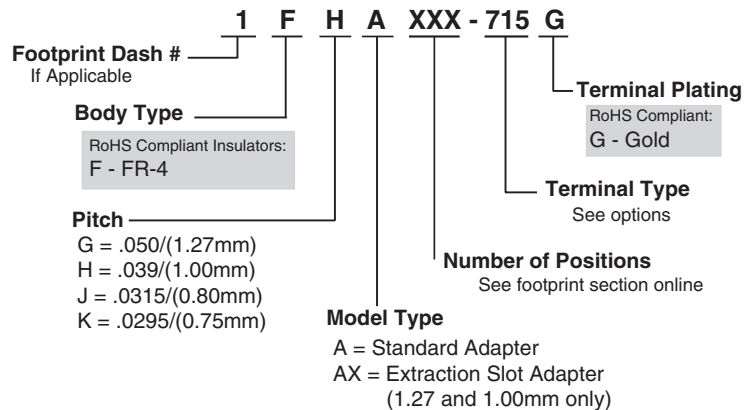


Extraction Tool

- Insert "T" bar end of tool into extraction slot adapter.
- Slide tool to end of slot and pry adapter from socket.
- Repeat in additional slots until adapter is separated from socket.
- Works with LCP or FR-4 sockets.



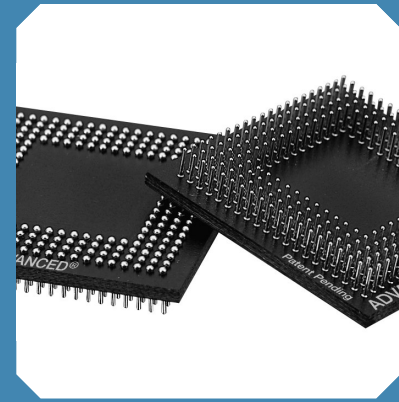
How To Order



5 Energy Way, West Warwick, RI 02893 USA
Tel: 800.424.9850 | 401.823.5200
Fax: 401.823.8723
info@advanced.com | www.advanced.com
Cat. 16 Rev. 1

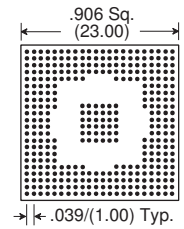
Additional standard and custom terminals available.
See Terminals section online or consult factory.

	Standard Terminals			
	Type -638 1.27mm pitch	Type -715 1.00mm pitch	Type -700 0.80mm pitch	Type -757 0.75mm pitch
Standard				
Male to Male				
	Tin/Lead: Type -720 Lead-free: Type -823	Tin/Lead: Type -737 Lead-free: Type -824	Tin/Lead: Type -736 Lead-free: Type -829	
SMT (Surface Mount)				



Footprints:

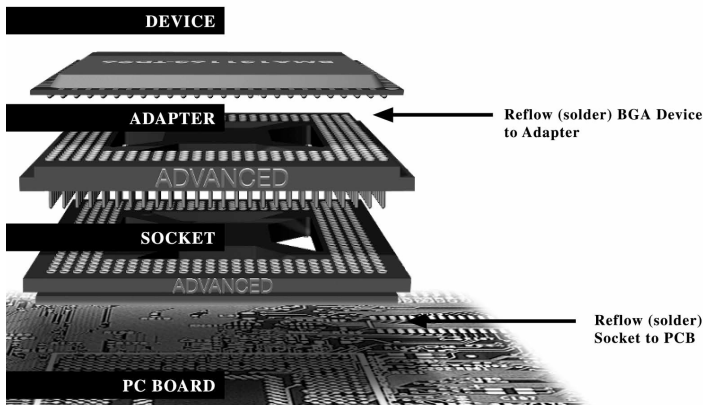
360 Pins
Footprint Number 360-2



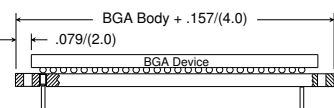
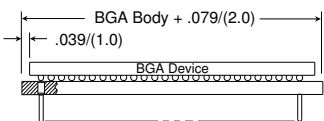
22 x 22 rows

- Footprint specific insulators drilled to exact device pattern
- Over 900 footprints available - search online or request BGA Footprints Booklet
- Use our Build-A-Part feature or search in our online BGA Socket Finder™ at www.bgasockets.com

How It Works



Dimensional Information



Standard Adapter (A)

- Mates with Standard Socket (S)
- Adapter size equals BGA Device body + .079/(2.00)

Extraction Slot Adapter (AX)

- Slots allow AIC extraction tool (sold separately) to easily remove device/adapter assembly from socket
- Mates with Extraction Socket (SB)
- Adapter size equals BGA Device body + .157/(4.00)

Available Online:

- RoHS Qualification Test Report
- Technical articles
- Test data
- BGA Footprints



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