

IC Testing with Adapters-Plus Spring Pin Test Sockets



Request a Quote:

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The Adapters-Plus Spring Pin Test Socket series offers unmatched versatility, designed to accommodate a wide range of IC package sizes and types. Our product line features three standard socket body sizes, each tailored to fit specific IC dimensions, and equipped with clamshell molds for secure handling. With options for customizing parts such as heat sinks, rotary locks, sensors, and stiffeners, this line can meet diverse testing needs for packages like BGA, LGA, QFN, QFP, and SOP.

- Base 100 (Body Size 25x34mm): Supports IC sizes up to 14x14mm, with a 0.25mm pitch and customization options including heat sinks, rotary locks, and sensors.
- Base 200 (Body Size 40x50mm): Supports IC sizes up to 24x24mm, built with the same customization and package compatibility.
- Base 300 (Body Size 50x61mm): Accommodates IC sizes up to 34x34mm, with comprehensive customization potential.

How To Order:

100-064-BG-XX-01-03

Base Type:	Pin Count:	Pin Block Type:	FootPrint:	Lid Type:	Contact Type:
100-Injection Molded (14x14mm max device size)	BG-BGA	00-No Lid	01-Single Sided Pogo (machined)	01-No Lid	01-Single Sided Pogo (machined)
200-Injection Molded (24x24mm max device size)	CS-CSP	01-Clamshell	02-Double Sided Pogo (machined)	02-Clamshell	02-Double Sided Pogo (machined)
300-Injection Molded (34x34mm max device size)	DF-DFN	02-Rotary	03-Double Sided Pogo (Stamped)	03-Rotary	03-Double Sided Pogo (Stamped)
400-Custom (Machined)	FC-FLIP CHIP	03-Air Cylinder		04-Air Cylinder	
	QN-QFN	05-Heat Sink		05-Heat Sink	
	QP-QFP				
	SO-SOP				
	WL-WLCSP				

It's not just about what we offer but how we offer it. With competitive pricing and comprehensive global support, we don't just set the bar; we keep raising it. Our commitment to customization excellence isn't just a promise; it's a deliverable. Imagine a process so streamlined that it feels like an extension of your capabilities. That's the Adapters-Plus experience. Welcome to a world where testing meets innovation, where your challenges find solutions, and where your needs shape our technology.

For applications requiring unique dimensions or additional mold types, our custom test sockets provide flexibility with various mold options, including clamshell and bottle cap designs, and additional components like air cylinders. Tailored to your specifications, the Adapters-Plus Test Socket series brings advanced functionality and precision to every testing scenario.

Versatility at Its Core: Applications That Speak Volumes

Our test sockets aren't just tools; they are gateways to efficiency and innovation in various settings:

- ATE/Hand Test: Seamlessly blend automated and manual testing processes.
- Inspection/Failure Analysis: Conduct thorough examinations and diagnostics with unparalleled precision.
- Prototyping/Engineering: Ideal companions during the developmental hustle and brainstorming sessions.
- Burn-In/HAST: Endure and excel under the most extreme conditions for reliability testing.
- Characterization: Detailed analyses of component properties with ease.

Specifications:	
Contact	Pogo (Double Ended)
Socket Material	Ultem, Polyimide
Current Rating	1.0A Continuous
Bandwidth	8.8 GHz @ -1dB
Contact Length	5.70mm
Contact Force	23.0gf
Operating Temp	-40° C~125° C