

ISC Socket Solutions

ISC uses patterned gold powder embedded in a silicone substrate to provide a socket solution that surpasses the specifications of many other solutions.

Don't wait 6–8 weeks for a socket that can't meet our aggressive price/performance/fast delivery.

**3 Week Delivery Standard
2 Week Expedited**



ISC 2K series

- High performance—up to 39GHz
- Contact Pad: Highly compressed Au flake mixture
- Suitable for manual and automated testing

ISC D series

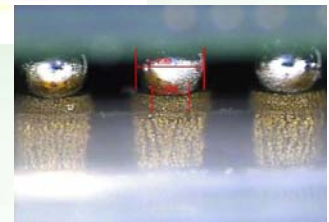
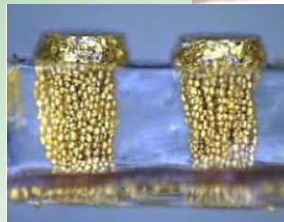
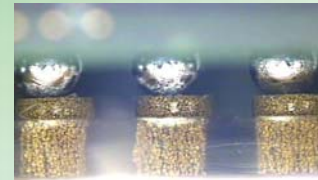
- Filmed Copper with Gold-plated industrial Diamond scattered on pad
- Top durability from forced Handler pusher (ATE)
- Mainly used in Memory customers using Hard Stop type handlers.



Additional types available for handler applications

Socket Type (0.5mm pitch*)		ISC D	ISC 2k
Insertion Loss (S21)		-1dB @36.3GHz	-1dB @39GHz
Current Rating		1A Continuous	
Min. Compliance		0.2mm	0.2mm
Insertions		>100,000	>100,000
Material	Contact Pad	Au plated Diamond Pad	Compressed Au flake mixture
	Silmat	Au Powder, Silicone	
Operating Temperature		-55°C - 150°C	

*specifications are pitch dependent

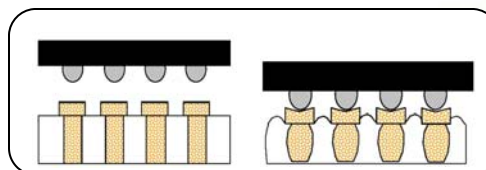


Socket Advantages

- Fast turn time—3 week delivery
- Low cost—typically 33% lower
- Footprint can be customized to fit an existing PCB—no redesign needed in most cases
- Customized bottom clearance to keep socket from interfering with transmission lines and allow components near DUT
- ISO9001 Certified

Contact Set Advantages

- No ball damage
- Excellent electrical performance
- High bandwidth
- High contact area
- Less contamination
- Easily replaced as needed
- High Temperature range
- Custom and mixed pitch
- Optimized for BGA and leadless packages



Higher Performance versions coming soon

Application Pitches

0.4mm, 0.5mm, 0.65mm, 0.8mm custom and mixed



Heat Sink



Lever



Adjustable



Clip On