

Kinked Retention Plated Through Hole Connector with Ball Socket

[Key Characteristics

Functionality

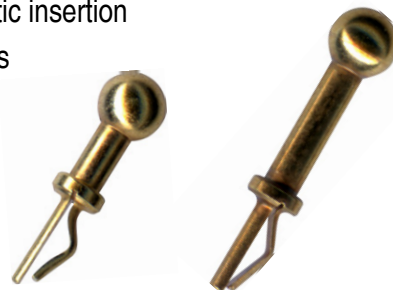
- Plated Through Hole Applications (PTH)
- Unique kinked retention mechanism
- Design enhances solderability
- Low insertion force

Resilient

- Gold plated as standard
- Other finishes available: tin lead
- -55°C to +125°C

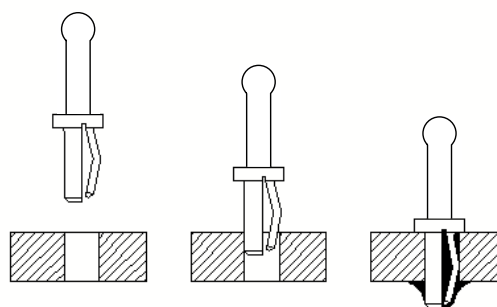
Adaptable

- Hand and semi automatic insertion
- Wide range of diameters



Kinky Pins were designed specifically to meet the demands of plated through hole (PTH) technology introduced in printed circuit boards.

The Snaplox® concept enables highly accurate testing to be done whilst reducing the risk of board damage. This is due to the unique ball and socket arrangement which provides 8 points of low resistance contact through a 60° Connection angle.

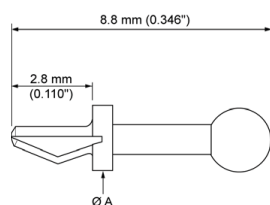


[Technical Information

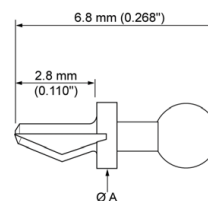
Minimum Pitch using Assembly Tool	2.5mm (0.098") 028,030,040 Series 3.0mm (0.118") 050,060 Series
Pin	Copper Alloy with Gold Finish (option Tin Lead)
Socket	Brass with Silver Finish & High Dispersion Grade PTFE
Solderability	Exceeds Requirements of BS2011 (IEC 68) Test T MIL-STD-202 Method 208
Contact Resistance (with socket)	<5 milliOhms
Socket Insulation Resistance	10,000 MegaOhms minimum
Typical Retention Force	2kg (Angles <30°) off perpendicular
Typical Retention Torque	200 gcm (Angles >30° or perpendicular)
Assembly Tools Socket Assembly	AT1/KP2
Minimum Board Thickness	1.4 (0.055") 2.36 (0.093") for -/10P

[Ordering Information

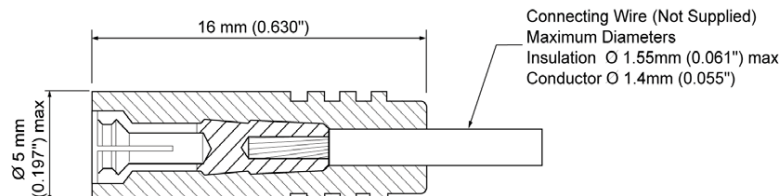
	Mounting Hole Diameter	Shoulder Diameter 'A'
028/---	0.68mm (0.027") to 0.84mm (0.033")	1.6mm (0.063")
030/---	0.81mm (0.032") to 0.96mm (0.038")	1.6mm (0.063")
040/---	0.96mm (0.038") to 1.12mm (0.044")	1.6mm (0.063")
050/---	1.21mm (0.048") to 1.37mm (0.054")	2.4mm (0.094")
060/---	1.50mm (0.059") to 1.65mm (0.065")	2.4mm (0.094")
EXAMPLE: 028/SO/BK2F		



---/SO/BK2F



---/SO/BK2P



LS/B2/156
(to suit all 2mm Snaplox)

