.4mm Pitch Semiconductor Contacts

Signal Integrity's A Scale family of contacts are designed for applications at or above 0.4mm (.0157) pitch. Each A Series contact depicted below is shown in both initial and final position on a .4mm grid. All A Series contacts feature a .29mm (.0115) diameter barrel.

A Series contact construction methods include Conventional, Biasing Plunger, and Slider Construction. Hybrid Constructions are readily available upon request.

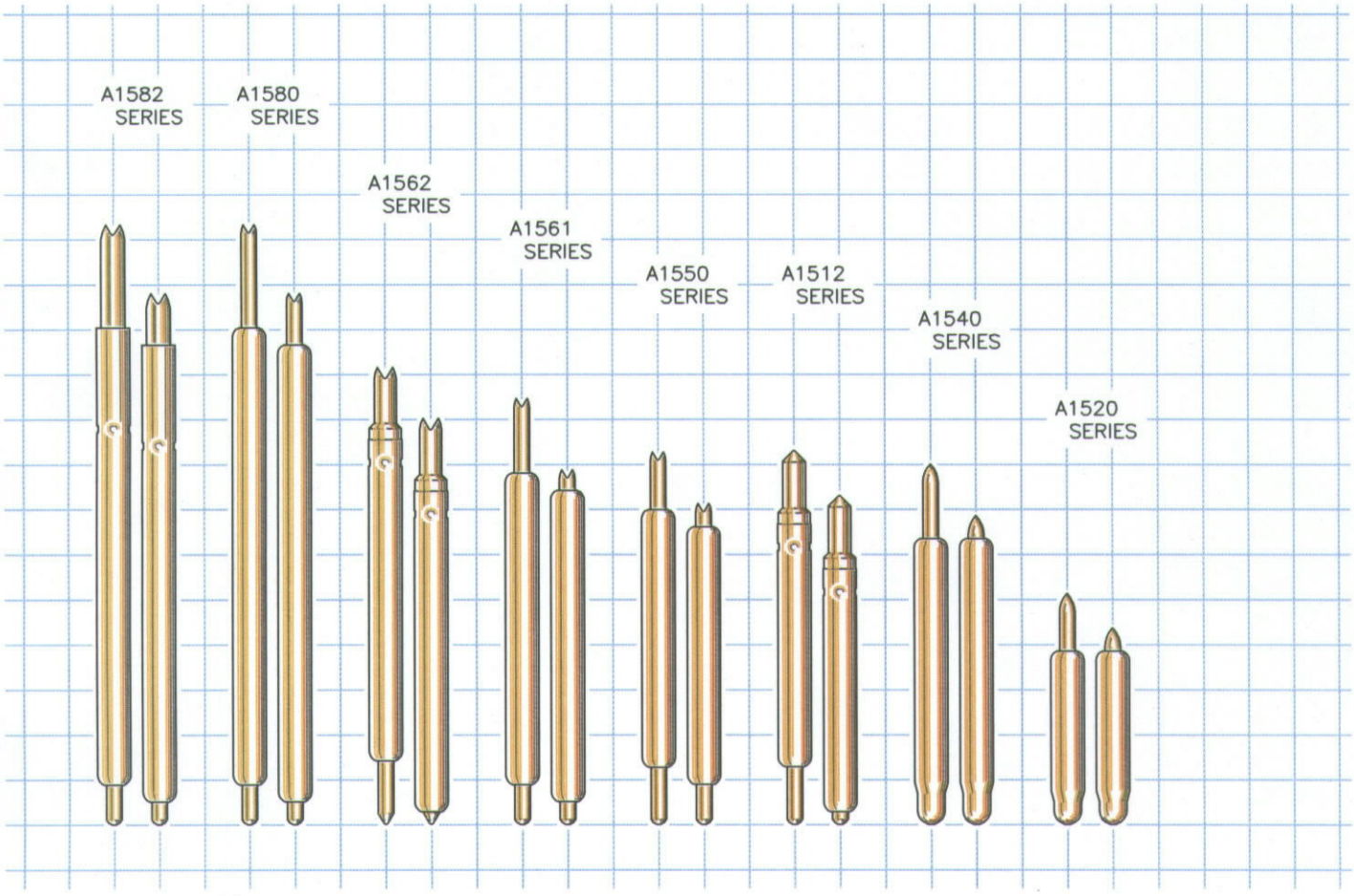
Conventional Construction – A1520, A1512, and A1550 Series. Conventional Construction is simple and compact, it affords maximum travel potential for a given contact length. Symmetrical assemblies are typical.

Biasing Plunger Construction – A1540, A1561, A1562, A1580, and A1582 Series. Biasing Plunger Construction produces a reliable internal contact between the plunger(s) and the inside of the contact barrel for reduced DC resistance.

Slider Construction – A1512 and A1561 Series. Slider Construction features one contact surface, typically the DUT plunger, that is fixed to the contact barrel. Contacts must be fixtured to allow the probe barrel to slide during actuation.

Barrel Contact Construction – A1520 and A1540 Series. Barrel Contact Construction uses the solid spherical barrel end as the interface contact surface. As with other Slider types, contacts must be fixtured to allow the probe barrel to slide during actuation.

Alternate materials, platings, and configurations are available.



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