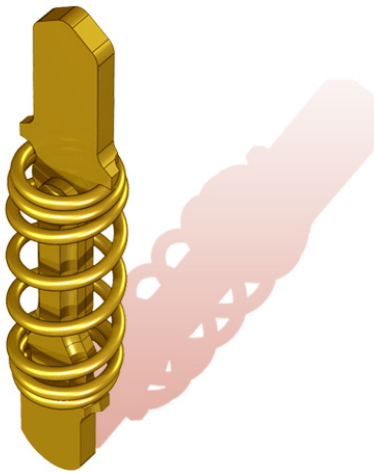


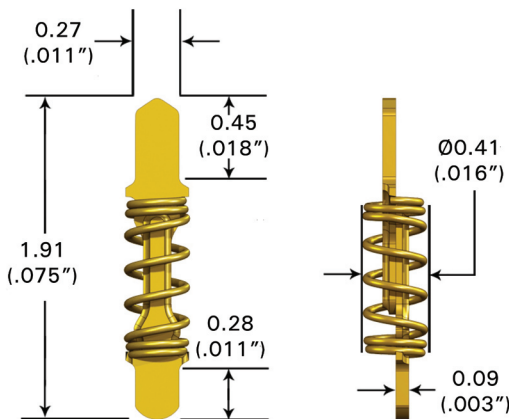
Z0 0.5mm Super Short Series for High Frequency Testing

The SUPER SHORT Series product takes advantage of the ZIP® scalable architecture to arrive at an ultra-compact design tailor-made for 0.5nH low impedance, high frequency testing.

Incorporating ECT's innovative flat technology, the ZIP® represents a new level of accuracy, scalability, and ease of use. By utilizing revolutionary proprietary manufacturing techniques, the ZIP® achieves reliable test results not previously possible with conventional probe architecture.



Featuring ECT's Innovative Flat Technology



Available Tip Styles

Specifications Z0-050

Mechanical

Pitch:	0.50/0.65mm
Overall Length:	1.91mm (0.075")
Test Height:	1.51mm (0.059")
Solid Height:	1.42mm (0.056")
Maximum Travel:*	0.40mm (0.016")
Spring Force:	18g (0.63oz)
Mechanical Life:**	1000k Cycles

Electrical

Average DC Resistance:***	<50 mΩ
Current Capacity	1.90A (20°C T-Rise)
Bandwidth (GHz)	40.0GHz @ -1dB
Inductance (Ls)	0.56nH
Capacitance (Cs)	0.04pF

Materials and Finishes

Contact(s):	BeCu alloy with proprietary plating
Spring:	Stainless steel alloy with gold plating

Environmental

Operating Temperature	-55°C to +155°C
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* Includes both DUT and board side travel

** Life specifications are based on lab results but are dependent on cleaning frequency and the specific customer application, including DUT materials, handler kit, maintenance, etc.

*** Contact resistance will increase over time due to solder build-up and wear
Specifications subject to change without notification

How to Order

Z	0	050	B	J
Series	Category	Minimum Pitch	DUT Tip Style	HIB Tip Style

Order by phone, fax or online.

Tel: 909-625-9390 Fax: 909-624-9746

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