

CUSTOM POGO PIN RINGS AND BLOCKS



PRODUCT DATA SHEET

OVERVIEW

These products are used where a high degree of reliability, high insertion count/lifespan and vertical compliance is required. RTI has supplied many pogo pin blocks and rings for various applications including:

- ◆ Daughter card / Mother board interfaces
- ◆ Board to board applications
- ◆ High-speed cable applications
- ◆ Socket interposers

FEATURES

- ◆ Highly reliable
- ◆ Long life (100,000+ connections)
- ◆ Very short board to board interconnect
- ◆ Excellent electrical performance

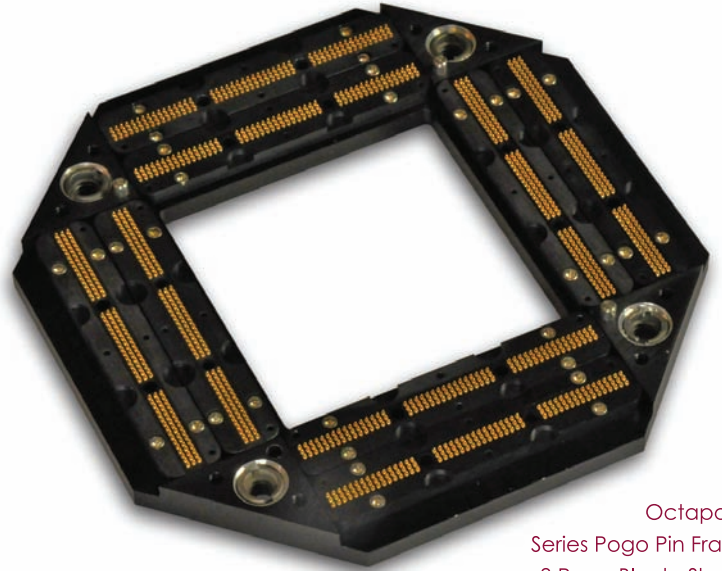
BODY MATERIALS

Many materials are available including PEEK and ULTEM.

OUR MOST POPULAR POGO PINS

The below pins are the most common used, but RTI can select from many other probes if the below does not match your requirements.

Pogo Pin	Q5M08 / L6716
Electrical Length	5.7 / 9.1mm (compressed)
Spring Forces	25gm
Plunger Materials	BeCu gold plated
Barrel Materials	Phosphor Bronze Gold Plated / Cu Alloy ID & OD Au clad
Sprint Material	Gold plated music wire, Gold plated stainless steel (option)
Temperature Ranges	-55 C to +125 C
Current Ratings	2.0 A / 5 A
Contact Resistance	typical < 50mohm
Inductance	As low as 1.0nH
Bandwith	over 10GHz at -1d



Octapogo
Series Pogo Pin Frame
8 Pogo Blocks Shown



Single Pogo Pin Block



Pogo Pin Ring
NVT to RPHD Interface Ring