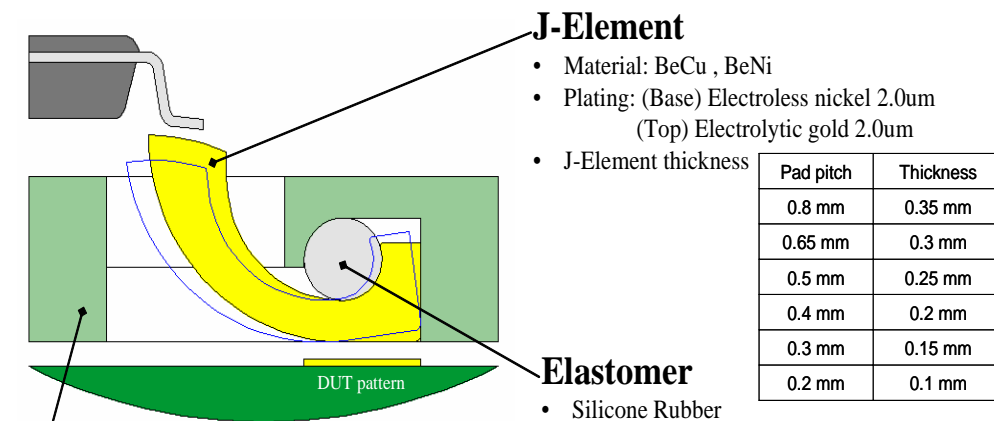


# Package Probe (Test Socket)

MJC achieved high reliability as a test socket manufacturer with performance that was superior in the measurement of high frequency devices. In addition, with a uniquely designed self-cleaning structure, it completely supports lead-free packages. Reduction of cleaning frequency and longer life help to realize yield improvement and exceed customer's requirements.

## J-Contact basic structure



### J-Element

- Material: BeCu , BeNi
- Plating: (Base) Electroless nickel 2.0um  
(Top) Electrolytic gold 2.0um
- J-Element thickness

Pad pitch	Thickness
0.8 mm	0.35 mm
0.65 mm	0.3 mm
0.5 mm	0.25 mm
0.4 mm	0.2 mm
0.3 mm	0.15 mm
0.2 mm	0.1 mm

### Elastomer

- Silicone Rubber

### Housing

- Torlon 4203
- Torlon 5530
- Torlon 5030
- Sumika super S1000
- PEEK

Name of product	Hardness(Hv)	Color
Elastomer 10	10 +/- 2	Clear
Elastomer 20	22 +/- 2	Red
Elastomer 30	30 +/- 2	Orange
Elastomer 40	40 +/- 2	Yellow
Elastomer 50	50 +/- 2	Green
Elastomer 60	60 +/- 2	Blue
Elastomer 70	70 +/- 2	Purple
Elastomer 80	80 +/- 2	Gray

## Features

- High performance , high frequency measurement S21: -1dB@40GHz( NF0.5 compliant pin)
- Complete support for Sn/Matte tin, NiPdAu pad material
- Reduced cleaning frequency with uniquely designed self cleaning structure
- Less damage on PCB with rolling motion of pin
- Highly accurate Kelvin measurement(NF0.8, NF1.3, NF2.5)
- Design for various types of packages such as QFN、QFP、SOP、SON、LTCC
- Narrow pitch down to 0.2mm
- Various pin heights from 0.5 to 2.5mm are provided