The Test Contactors are designed for initial lab testing, HTOL, HAST, ELFR, failure analysis, automated testing, programming and many other applications:

**FEATURES**
- >0.3mm pitch
- HF capable
- Designed for customers own requirements
- Very robust design
- Excellent electrical performance

**EXAMPLES**

**FEATURES**
- Non Kelvin & Kelvin Test Socket
- Compatible to any Handler System
- Suitable for leaded (SO/QFP), pad (QFN) and balled (CSP/BGA) devices
The Yamaichi Electronics YED274 Series include sockets for manual and automated environment. The Test Contactors are designed to meet exacting customer requirements and fulfill high performance testing. The Test Contactors can be equipped with standard, low inductance, kelvin, crown and conical style probe pins. Plating options like Palladium and CSH are available on request.

**CUSTOMISED >0.30MM PITCH, HINGED TYPE AND VOLUME TEST**

**SPECIFICATIONS**
- Contact Resistance: ≤75 mΩ
- Contact Force (typical): 9 to 28 gf
- Operating Temp. Range: -40°C to +125°C
- High Temperature Range: -55°C to +150°C
- Mating Cycles: 500,000 insertions min.

**MATERIALS AND FINISH**
- Housing: PEEK / Anodized Aluminum
- Contacts: Beryllium Copper (BeCu) (Typical)
- Plating: Gold over Nickel (Typical)

Other materials are available on request

**FEATURES**
- Customised Test Contactor
- Open Top and Easy-Close cover
- Outstanding performance
- Higher temperature range available
- Optional: Serial number and data matrixcode

**TYPICAL EXAMPLE OF PIN CHARACTERISTICS**

- 0.35mm pitch configuration, values based on internal Yamaichi testing

<table>
<thead>
<tr>
<th>Series</th>
<th>YED274</th>
<th>PIN COUNT</th>
<th>120100</th>
</tr>
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**TYPICAL PIN TIP STYLES**

- Kelvin
- Crown
- Cup
- Spherical
- Flat
- Reduced Crown
- Conical

**Average Values**

- Force N
- Resistance mΩ
- Linear Resistance mΩ
- Linear Force N

**Lumped Coupled Model**

- Self Inductance: L1 - L2 0.505 nH
- Mutual Inductance: L12 0.110 nH
- Self Capacitance: L1 - L2 0.223 pF
- Mutual Capacitance: C12 0.069 pF