Abrel Products are the market leader in the design and manufacture of socket test probes. Probes can be designed for all the latest fine pitch packages including QFN, CSP, BGA and QFP. All probes are designed and manufactured in-house, and machined to precise tolerances.

- Test heads are manufactured from Ultem material and the handle is finished in black delrin. Probe head contacts are manufactured from gold plated beryllium copper or stainless steel, for maximum number of insertions. Probe options include plug-in replaceable heads and individual pins. Probes can be supplied terminated with specific connectors for any style of test system.
Summary Product Specifications

- **Probe Features**
  - Precision machined from Ultem material
  - Black Delrin machined handle
  - Au plated stainless steel pins
  - Low contact resistance
  - Retention in socket for hands-free testing
  - Termination for any tester type
  - 3-D Modelling to optimise form factor
  - Custom pins for QFP, QFN and BGA
  - Low Maintenance repairs

- **Additional Features**
  - Probe interfaces for all BIB edges
  - Terminations for all tester types
  - Socket actuators for opentop sockets
  - Probes for X-Y tables, with solenoid actuators
  - Probes for new socket validation
  - Test and load board verification
  - Continuity testing
  - Complementary tester (Bibtest55XL)

- **Sockets Supported**
  - Probes for all sockets including Enplas, Yamaichi, Plastronics, Wells-Cti, Loranger, Aries.
  - Opentop, clamshell and custom

- **Technology Capability**
  - BGA Clamshell and Opentop 0.4mm
  - QFN Clamshell and Opentop / Dual row 0.4mm
  - SOIC Clamshell and Opentop 0.5mm
  - QFP Clamshell and Opentop 0.4mm
  - DIP / PLCC / SOIC — all sizes
  - Package types including QFN, CSP, QFP
  - Pressure plate for each board type

Abrel Products
Raheen Business Park
Limerick
Rep of Ireland
Tel: +353 61 304566
Fax: +353 61 304567
Email: info@abrel.com
Web http://www.abrel.com

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