QA Technology is pleased to offer our new .0315 [0.800mm] double ended termination pin for wireless fixturing. Double-ended termination pins allow construction of X Probe® Socketless fixtures with shorter signal path lengths than conventional wire wrap designs. The shorter path length allows better control of the signal from the tester circuits to the Unit Under Test (UUT).

The X31-TDS3-02 wireless termination pins are designed to be used with our X31-25 Series Probes (.250 [6.35] stroke) or X31-40 Series Probes (.400 [10.16] stroke) and can be mixed-mounted with other X Probe® wireless termination pin sizes.

**Doubled Ended Termination**

![Diagram of X31-TDS3-02 termination pin with dimensions and symbols]

**Interface Probe Specifications**
- **Full Stroke:** .150 [3.80] -
- **Working Stroke:** up to .100 [2.54] -
- **Operating Temp:** Up to 400°F [204°C] -
- **Spring Force:** 3.75 [106] @ working stroke

**Tools**
- Recommended drill hole sizes for AT7000, G10/FR4 or similar material for the BACK PLATE should be gauged at .0217/.0225 [0.551/0.572]. Suggested drill size #74 or .57mm
- **Pin Gauge Tool:** PG-X31-T
- **Installation Tool:** ITRX31-FL or ITRX31 SET -.010, .010, .020, .030 or .040
- **Extraction Tool:** ETRX31

**Suggested Mix Mounting Fixture**

![Diagram of fixture with dimensions and tolerances]

Countersink top side of Guide Plate to aid in termination insertion

All dimensions are in inches [mm]. All spring forces are in ounces [gms].