



Wire Socket and Termination Pin Connection Options

QA Technology offers a wide variety of wire termination types to fit your application. The following is a summary of the options and their applications. Please note: some of these socket or termination pin styles are available only in specific probe series (refer to the QA Technology catalog or website for details).

EXAMPLE SOCKET P/N: XXX-SXXXXX OR TERMINATION P/N: XXX-T -XX

P/N DESIGNATION	DESCRIPTION
C	<p>Crimp Used to manually attach custom wiring. Not included.</p> 
Cxxx	<p>Crimp with Pre-attached Wire Used primarily on close center or fine pitch probe sizes where wire wrap is not available. For a reliable connection, these sockets are available with a four-jaw, eight indent crimp for the wire attachment. Various wire gauges, lengths, and colors are available.</p> 
DSx	<p>Double Ended Compared to conventional wire designs, these sockets, used in wireless fixtures, offer shorter signal path lengths for improved signal integrity from the tester circuits to the unit under test (UUT).</p> 
G	<p>Wire Grip Used with our WG wire grip sleeves (sold separately) and customer supplied solid conductor wire, QA wire grips offer an easy wire connection method for socket or termination pin applications.</p> 
J	<p>Wire Jack Used with our WJ wire jack (sold separately and available with or without solid conductor wire pre-attached), QA wire jacks offer an easy wire connection method for socket or termination pin applications.</p> 

P/N DESIGNATION	DESCRIPTION
<p>M</p>	<p>Male Round Tube QA male round tubes are typically mounted onto edge cards, ribbon cable assemblies, or other type of connectors. They are made to accept a one millimeter (1.0mm) female plug. These sockets are made of stainless steel and are recommended for corrosive environments. They are not recommended for solder applications.</p> 
<p>N</p>	<p>No Termination Typically used as an inexpensive option, these sockets can be soldered directly to a board, crimped or soldered into the open end.</p> 
<p>P</p>	<p>Wire Plug Used with our WP wire plugs (sold separately) and customer supplied wire, QA wire plugs offer an easy wire connection method to a socket. This socket style can also be used for a soldered wire connection.</p> 
<p>R</p>	<p>Round Pin QA round pins are used primarily for female connectors, or they can be soldered directly into board vias. Pins are available in a variety of lengths.</p> 
<p>S</p>	<p>Solder Cup QA solder cups are exceptionally reliable connections and are used primarily in low-density areas. They can be wave or hand soldered and used in vias or with wire.</p> 
<p>W</p>	<p>Square Wire Wrap Pin Square wrap pins are the most commonly used terminations in ATE fixturing for large-scale wiring. QA's products provide excellent electrical integrity through a gas-tight connection that prevents the effects of corrosion. They are one of the most cost-effective connection methods for skilled fixture makers because they facilitate rapid installation, reliable performance, and are inexpensive solutions. QA wire wrap pins are available in a variety of lengths.</p> 