

**PURCHASE ORDER ATTACHMENT TQA-28-03****SOLDERABILITY**

Leads, terminals or surface areas of item(s) called out on this Purchase Order which require soldering by Raytheon must meet the solderability requirements specified below.

1. Solderability testing shall be performed per ANSI/J-STD-002 for components and wires to be soldered. Solderability testing shall be performed per ANSI/J-STD-003 for printed boards. Lot sampling shall be per ANSI/ASQC Z1.4, 2003 or user approved system.
2. Seller shall maintain solderability test records traceable to each shipment and document the completion and acceptance of solderability testing in accordance with this requirement. Seller shall include a Certificate of Conformance with each shipment giving the part number, lot identification and date that solderability testing was completed and accepted.
3. Seller shall assure that the components are packaged and protected to prevent degradation to the solder coated surface of terminals during storage and transportation. The packaging shall also protect component lead configuration from bending, twisting and inter-tangling. As a minimum, the packaging shall protect the solder coated surfaces from degradation due to moisture and other corrosive elements.
4. A sample of components may be solderability tested per the above mentioned solderability tests. Should a sample fail the solderability testing, the lot will be rejected and the lot, or part thereof, may be returned to the Seller for replacement or credit as determined by the Raytheon Buyer.
5. If Seller is unable to comply with these requirements, Seller shall contact the Raytheon Buyer for further direction.