

## Qualification / QPL

A part is said to be qualified when it has passed all of the qualification tests of the specification. The owner of the specification will then list those qualified manufacturers for use by those who desire to buy a qualified part. In the case of MIL-PRF-15733, the general specification, Table X, lists all of the qualification tests, the test method, and the quantity to be tested. The detail requirements of a MIL-PRF-15733 part will be found in what is known as the 'Slash' Sheet (MIL-PRF-15733/24). The owner of the specification, in this case, the military, will then publish a list of all those qualified manufacturers by part number. This list is the 'QPL'.

A private corporation follows the same procedure to some extent. They write a specification containing electrical, mechanical and environmental requirements as well as qualification requirements. They are the owners of the specification and ultimately the owners of parts produced to that specification. As owners, qualification requirements are of their choosing. Here is where they may vary from the military. They may choose to require certain electrical and mechanical test in their specification and then perform environmental tests themselves. Once a manufacturer has completed the specification tests and the owner has completed the environmental tests, the owner will then list the qualified supplier(s) in his specification.

## Qualification / QPL & TSE

Texas Spectrum Electronics, Inc. designs and manufactures custom EMI Filters in accordance with the general requirements of MIL-PRF-15733. TSE does not manufacture any of the detail filter slash sheets of 15733, therefore is not on the QPL for that specification. TSE in it's more than 30 years of existence has manufactured many EMI Filters for military subcontractors and is listed as a qualified supplier on the subcontractor specification.