

Applications Engineering Note: AEN-0110

Revision Date: 8/5/2020, Rev. B

Page 1 of 1

Caddock Policy on Manufacturing Date and Date Code Restrictions

Consistent with well established industry wide technical understanding regarding the removal of manufacturing date or date code restrictions on robust electronic components, it is Caddock's position (based on our long experience) that our High Performance Resistor Products have no known shelf life limitations that would require limiting the usability of the Caddock Resistor Product based on the manufacturing date or the date code. There is no technical basis for a manufacturing date or date code restriction on Caddock Resistor Products that are shipped to the customer by Caddock or by a Caddock authorized distributor.

Caddock High Performance Resistor Products are completely manufactured by Caddock at our facilities located in Roseburg, Oregon, USA. Based on the materials and the design of Caddock resistor products, there is no age related mechanism that will adversely affect the performance, quality, or reliability of the Caddock resistor products. The Caddock component terminals will solder properly upon arrival at the customer's location and the solderability will be maintained as delivered, provided the products are stored by the customer in the original Caddock packaging, in a clean environment at temperatures less than 30°C, and humidity less than 70%.

The resistor products developed and manufactured by Caddock Electronics do not deteriorate with age. Regardless of the manufacturing date or date code of the product, all Caddock Resistor Products are guaranteed to meet the data sheet specifications and will have solderability performance (for leaded devices), per J-STD-002 most typically with 95% coverage, not less than 90% coverage, for a minimum of two years after shipment (for units held in the original packaging, in climate controlled conditions).

Industry experience has proven that manufacturing date or date code restrictions, for robust electronic components, are unnecessary; adding cost and waste to the supply chain.

If a customer requirement for a Manufacturing Date (Date Code) Restriction is a firm requirement, Caddock will allow a maximum restriction of 2 years (not less) without charge, for those customers who will place multiple purchase orders each year or place purchase orders with scheduled shipments, for the Part Numbers ordered.

If the Customer's use of the product will not support multiple shipments each year, then there will be a premium charge for the 2 year Manufacturing Date (Date Code) Restriction. Caddock reserves the right to ship the product at any time after the order is placed so that existing inventory may be used to fulfill the 2 year restriction requirement. In this case, the customer should carefully consider the absolute need for the 2 year restriction with the understanding that Caddock Resistor Products are robust electronic components that do not require any Manufacturing Date (Date Code) Restriction.

