

Resistors Introduction

Resistor performance varies considerably due to different construction methods, materials, and eventual applications. Derating factors likewise vary due to different failure mechanisms and reliability characteristics. Detailed part application information is covered under the Derating Section. The purpose of the comparison information is to aid the designer in choosing the best style for a given application. Derating requirements are in Derating Section for each resistor style. More detailed information is available from the resistor manufacturers, MIL-HDBK-199 or EIA Project No. 3809 (Resistive Devices Handbook).