

EPRD-2024

Spec Sheet

2023 **Military+Aerospace
Electronics**
Innovators Awards

GOLD HONOREE

EPRD-2024 PRODUCT DESCRIPTION

The 2024 Electronic Parts Reliability Data (EPRD) resource contains field failure rate data for commercial and military electronic components and assemblies for use in reliability analyses.

Engineers worldwide use EPRD to perform analyses, assess reliability requirement feasibility, improve product and system reliability, build reliability into designs, produce software for calculating reliability, and other tasks.

DATA SPECS

EPRD-2024 field failure rate data includes:

- > **1.2 million** total data records
- > **104,000** total components
- > **862,000** new failure rates
- > **6,000** new components

Field reliability data includes:

- > Operating hours/cycles, etc.
- > Number of failures
- > Number of devices (population)
- > Application environment
- > Part characteristics:
 - > Quality level (military, commercial)
 - > Manufacturer and part number

COMPONENT TYPES

EPRD-2024 contains thousands of components including, but not limited to:

- > **Capacitors**
- > **Diodes**
- > **Discrete Semiconductors**
- > **Inductive Devices**
- > **Integrated Circuits, including**
 - > **Digital, Linear, Optoelectronic**
- > **Resistors**
- > **Transformers**
- > **Transistors**
- > **And others**

SUBSCRIBE TO ROADS TO ACCESS EPRD-2024!

EPRD-2024 is fully accessible in a searchable web app, the Reliability Online Automated Databook System (ROADS), which was recently updated for faster search capabilities. [Subscribe to ROADS](#) today for quick access to EPRD-2024!

Email ROADS@Quanterion.com with questions or visit www.quanterion.com/roads to learn more.

