

Mobile Application Guide

We have the product series (the 2nd code from the left side of the part number is “E”) intended for use only in mobile devices (its typical examples are as shown in the table below), where the applications covered by this product series are limited to mobile devices among general electronic equipment for consumer. The design, specifications and operating environment, etc. differ from those of the product series for “General Electronic Equipment” (Category: S) as described below, so please check the individual product specification sheets for details. The product series for “General Electronic Equipment” (Category: S) can also be used for mobile devices. Should you have any questions on this matter, please contact us.

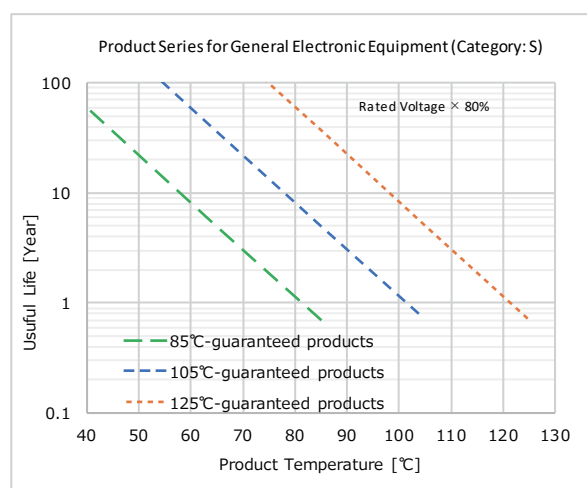
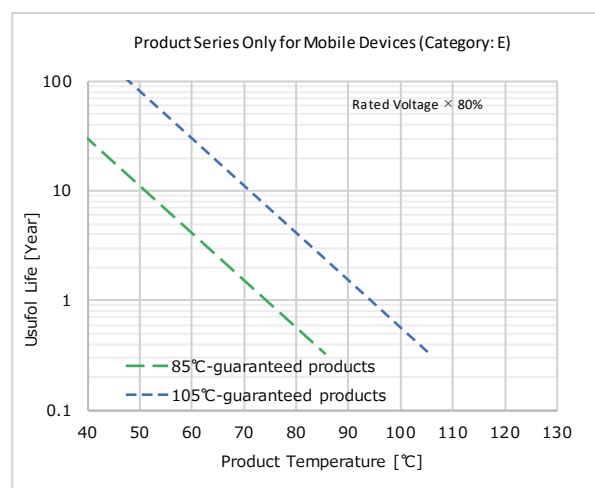
Product Series (The 2nd Code from the Left Side of the Part Number)	Mobile Devices (Typical Example)
E	<ul style="list-style-type: none"> • Mobile Phone • Smartphone • Tablet PC • Smartwatch • Handheld Game Console • Compact Digital Camera • Electronic Calculator • Portable Audio Player • Watch • Electronic Dictionary, etc.

■ Design of Product Series Only for Mobile Devices (Category: E)

The products in this product series are designed to have a useful life of 5 years or more if the following 2 conditions are met (Cf. for the product series for “General Electronic Equipment” (Category: S), the useful life is 10 years or more):

- (1) The product temperature in the actual equipment \leq guaranteed product temperature - 30 (°C), and
- (2) 80% of the rated voltage or less

The useful life under actual operating conditions can be predicted from the following graph.



*The useful life is a reference for predicting the time when the cumulative failure rate reaches 1%, and the data is not intended as a guarantee of the product lifetime. Please use it only as a guide when designing mobile devices.