

AEC-Q200 Testing

EXAMPLES:

PN: NATK301M35V10X10.8LSYF
 +125°C / Low ESR / 300uF @ 35VDC / 10mm X 10.8mm Size

PN: NACK331M35V10X10.5TR13YF
 +105°C / Low ESR / 330uF @ 35VDC / 10mm X 10.5mm Size

PN: NACK102M35V16X17TR13WTFYF
 +105°C / Low ESR / 1000uF @ 35VDC / 16mm X 17mm Size

Example Data: AEC-Q200

The image shows a multi-page technical document with the following sections:

- 15 Sustainability:** Includes test conditions (e.g., 100% RH, 25°C to 35°C), evaluation criteria, test models, and results.
- Electrical Characterization:** A table with columns for Test No., Model No., Test Name, Test Conditions, Test Method, Test Results, and Pass/Fail.
- 16:** A small table or chart.
- 17:** A small table or chart.
- 18 Flammability:** Includes a diagram of a capacitor, test conditions, and a table with columns for Test No., Model No., Test Name, Test Conditions, Test Method, Test Results, and Pass/Fail.
- Board Flex:** Includes test conditions and a table with columns for Test No., Model No., Test Name, Test Conditions, Test Method, Test Results, and Pass/Fail.

Need AEC-Q200 Testing?

Contact

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Tests Description:

- ▶ High Temperature
- ▶ Exposure (Storage)
- ▶ Temperature Cycling
- ▶ Moisture Resistance
- ▶ Biased Humidity
- ▶ Operational Life
- ▶ Physical Dimension
- ▶ Resistance to Solvents
- ▶ Mechanical Shock
- ▶ Vibration
- ▶ Resistance to Soldering Heat
- ▶ Thermal Shock
- ▶ ESD
- ▶ Solderability
- ▶ Electrical
- ▶ Characterization
- ▶ Flammability
- ▶ Board Flex
- ▶ Terminal Strength (SMD)
- ▶ Surge Voltage

