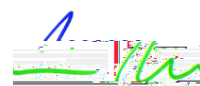




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Test Technology/Description:

Vibration / Shock ¹
(5 to 2500)Hz
2-inch Peak to Peak Displacement
25,000 pounds Force
Up to 1500g Shock
Up to 18 milliseconds Duration
Combined Environment (-40 to 150) °C

Acceleration
(Centrifuge up to 50g acceleration)

Highly Accelerated Life Test (HALT) - Highly
Accelerated Stress Screening (HASS)
Temperature: (100-200) °C
Temperature Ramp Rate: 60°C/min
Vibration: 50 G's

Test Method(s):

RTCA/DO-160, Section 7 & 8;
MIL-STD-810, Method 520;
MIL-STD-202, Method 201;
MIL-STD-202, Method 202;
MIL-STD-202, Method 204;
MIL-STD-202, Method 213;
MIL-STD-202, Method 214

MIL-STD-202, Method 212
MIL-STD-810, Method 513



Accredited Laboratory

A2LA has accredited

ELEMENT MATERIALS TECHNOLOGY ROCKFORD

Rockford , IL

for technical competence in the field of

requirements for the competence of testing and calibration laboratories . This accreditation demonstrates
technical competence for a defined scope and the operation of a laboratory quality management system

(refer to joint ISO -ILAC-IAF Communiqué dated April 2017).



Presented this 19th day of March 2024.

Mr. Trace McInturff, Vice President , Accreditation Services
For the Accreditation Council

For the types of tests to which this accreditation applies, please refer to the laboratory's Mechanical

Scope of Accreditation.