



IECQ Certificate of Approval Independent Testing Laboratory

IECQ Certificate No.:	IECQ-L BSI 13.0001	Issue No.:	3	Status:	Current
Supersedes:	IECQ-L BSI 13.0001 Issue 2	Issue Date:	2019/10/23	Org Issue:	2013/11/07
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The organization, facilities and procedures have been assessed and found to comply with the applicable requirements for Independent Testing Laboratory organization approval, in support of the IECQ system, which is in accordance with the Basic Rules IECQ 01 and Rules of Procedure IECQ 03-6 "Independent Testing Laboratory Assessment Program Requirements" of the IEC Quality Assessment System for Electronic Components (IECQ) and applicable requirements of ISO/IEC 17025:2017 for the testing of electronic components under the IECQ.

Scope:

Scope on page 2

-- Attached Schedule: T598257 IECQ scope issue 3.pdf --

Approved by Certification Body (CB): BSI

Kitemark Court, Davy Avenue
Knowlhill, Milton Keynes MK5 8PP
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Authorized person:
Paul Turner

PT

bsi.



The validity of this certificate is maintained through on-going surveillance audits by the IECQ CB issuing this certificate.
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IEC QUALITY ASSESSMENT SYSTEM (IECQ)

covering Electronic Components,
Assemblies, Related Materials and Processes

For rules and details of the IECQ visit www.iecq.org

Schedule of Scope to Certificate of Approval

Independent Testing Laboratory

IECQ Certificate No.: IECQ-L BSI 13.0001

CB Certificate No.: T598257 IECQ

Schedule Number: IECQ-L BSI 13.0001-S

Rev No.: 3

Revision Date: 2019/10/23

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CONDITIONING TESTS

ENVIRONMENTAL

Cold	Test A	BS EN 60068 / IEC 60068 60068-2-1
Dry Heat	Test B	60068-2-2
Damp Heat – Steady State	Test Cab	60068-2-78
Damp Heat – Cyclic	Test Db	60068-2-30
Change of Temperature	Test N	60068-2-14
Salt Mist	Test Ka	60068-2-11

MECHANICAL

Vibration, sinusoidal	Test Fc	60068-2-6
Vibration, random	Test Fh	60068-2-64
Shock	Test Ea	60068-2-27

CONNECTORS FOR ELECTRONIC EQUIPMENT

Contact Resistance	Test 2a	BS EN 60512 / EN 60512 BS EN 60512-2-1
	Test 2b	BS EN 60512-2-2
Housing (Shell) Electrical Continuity	Test 2f	BS EN 60512-2-6
Insulation Resistance	Test 3a	BS EN 60512-3-1
Voltage Proof	Test 4a	BS EN 60512-4-1
Temperature Rise	Test 5a	BS EN 60512-5-1
Current-temperature derating	Test 5b	BS EN 60512-5-2

Shielding Effectiveness		BS EN / IEC 62153-4-7
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MEASUREMENT CAPABILITIES (Parameters)

DC Voltage, DC Current, AC Voltage, AC Current, DC Resistance, Temperature, Humidity.

ELECTRICAL PRODUCT TESTS

Resistors, Printed Circuits, Switches, Relays, Connectors, Transformers, Electrical Harnesses

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