

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 11.0002
CB Certificate No.: T3001 IECQ

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CONDITIONING TESTS REFERENCE

IEC 60068/BS EN 60068

ENVIRONMENTAL

Cold	IEC 60068-2-1
Dry Heat	IEC 60068-2-2
Damp Heat – Stead State	IEC 60068-2-3
Damp Heat – Cyclic State	IEC 60068-2-30
Climatic Sequence	IEC 60068-2-61
Rapid change of Temperature	IEC 60068-2-14
Altitude/Low Air Pressure	IEC 60068-2-13

MECHANICAL

Bump	IEC 60068-2-29
Vibration, sinusoidal	IEC 60068-2-6
Vibration, random	IEC 60068-2-34
Acceleration	IEC 60068-2-7

ELECTRICAL

Electrical Load and Temperature Insulation Resistance Voltage Proof

MEASUREMENT CAPABILITIES (Parameters)

DC Voltage, DC Current, AC Voltage, AC Current, DC Resistance, Capacitance, Inductance, Time, Temperature, Torque, Humidity, Force, Mass, Angle, Barometric Pressure, Linear Dimensions, Insertion Loss, Frequency, VSWR, Optical Power and Optical Attenuation.

ADDITIONAL FACILITIES/CAPABILITIES

Salt Mist	IEC 60068-2-11
Pressure Sealing	IEC 60068-2-17
Robustness of Terminations	IEC 60068-2-21
Soldering	IEC 60068-2-20
Solderability	IEC 60068-2-54

Resistance to Fluids, Mechanical Load and Temperature, Magnetic Permeability, Probe Damage, Mechanical Operation, Maintenance (Insert) Ageing, Electrical Engagement, Mechanical Impact, External Bending Moment, Accessory Thread Strength, Male Contact Stability, Flammability, Installing/Removal Tool Abuse and Contact Dislodgement by Cable Nutation.

COMPONENTS/DEVICES TESTED

Electrical and Fibre Optic Connectors

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