



Schedule of Scope to Certificate of Approval Approved Process - Capability Approval

IECQ Certificate No.: C-IECQ BSI 14.0011

CB Certificate No.: E068/CA

Schedule Number: C-IECQ 14.0011-S

Rev No.: 11

Revision Date: 2015/02/01

Reports

Issue Date:

CA 241/13 (CQC100)	1	30 October	2013
CA 232/95 (CQC10218)	1	22 November	1995
CA 227/93 (CQC1048)	1	03 March	1995
CA 226/93 (CQC12)	1	17 November	1993

Packages and Sealing:

- 1) DIL, unencapsulated substrate, with up to 40 leads.
- 2) QIL metal cavity package, seam welded, up to 78 leads.
- 3) DIL metal cavity package, projection welded, up to 24 leads.

Boundaries of Capability:

Resistors:

3.5 ohms to 10M ohms.

Tolerance:

±10%, ±5%, ±2%, ±1%, ±0.5 or ±0.2% dependent style of resistor.

Temperature Characteristic of Resistance (absolute):

±100, ±150, -300/+150, ±300 ppm/°C depending on resistor value and temperature range used.

Temperature Characteristic of resistance (tracking):

50 ppm/°C

Stability:

± (0.5% +0.1Ω) after 1000 hrs.

Operating temperature range:

-55°C to +125°C

Storage temperature range:

-65°C to +150°C package 2, 3.

Inspection and test:

Full assessment.
Screening to customer specification.

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BSI, Kitemark Court Davy Avenue Knowlhill Milton Keynes MK5 8PP UK





IEC QUALITY ASSESSMENT SYSTEM (IECQ)
covering Electronic Components,
Assemblies, Related Materials and Processes
For rules and details of the IECQ visit www.iecq.org

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<u>CECC 63 000</u>	<u>Test</u>	<u>Conditions</u>	<u>Package</u>
4.5.8 (2)	Rapid change of temperature	-65 to 150°C	1, 2, 3
4.5.6	Vibration swept frequency	20 to 2,000Hz 196m/s ²	1, 2, 3
4.5.4	Damp heat cyclic	28 cycles	1, 2, 3
4.5.11	Resistance to solder heat	350°C 3s	1, 2, 3
4.5.8 (3)	Rapid change of temperature	-40°C to +100°C	1, 2
4.5.15	Resistance to Solvent	Acetone, DI Water, ENVSolv-Ionic IPA	1, 2, 3
4.5.3	Damp heat steady state	21 days test Ca	2, 3
4.5.7	Acceleration, steady state	49,000m/s ²	2, 3
4.5.9	Sealing fine and gross leak		2,3
	Electrical performance:	To customer detail specification.	
	Customer participation in design:	Any degree by agreement	

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