



IECQ Certificate of Conformity Capability

IECQ Certificate No.:	IECQ-C BSI 15.0002	Issue No.:	3	Status:	Current
Supersedes:	IECQ-C BSI 15.0002 Issue 2	Issue Date:	2018/11/09	Org Issue:	1981/08/01
CB Reference No.:	E039/CA Issue 12	Expiration:	2021/11/30		

Graphic Plc

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The organization has developed and implemented procedures and related processes which have been assessed by the IECQ Certification Body issuing this certificate and found to comply with the applicable requirements of the IECQ Approved Component Scheme "Capability Certification" which is in accordance with the Basic Rules IECQ 01 "Rules of Procedure", IECQ 03-1 "IECQ General Requirements for all Schemes" and IECQ 03-3 Annex D "IECQ Approved Components Scheme" of the IEC Quality Assessment System for Electronic Component (IECQ), and in respect of standard(s) or specification(s):

- BS EN 123 000 (1992 Amd 1) – Harmonized system of quality assessment for electronic components. Generic specification: printed boards
- BS EN 123 100 (1992 Amd 1) – Single and double sided printed boards with plain holes
- BS EN 123 200 (1992 Amd 1) – Single and double sided printed boards with plated through holes
- BS EN 123 300 (1992 Amd 1 & 2) – Multilayer printed boards
- BS EN 123 400 (1992 Amd 1) – Flexible printed boards without through connections
- BS EN 123 500 (1992 Amds 1&2) – Flexible printed boards with through connections
- BS EN 123 600 (1997) – Flex-rigid multilayer printed boards with through connections

Process Manual Reference: **GE/CM**

Details of Components/Assemblies/Materials:

Printed Wiring Boards

-- Attached Schedule: E039_CA Issue 12 Scope.pdf --

Issued by the Certification Body (CB): BSI

Kitemark Court, Davy Avenue
 Knowlhill, Milton Keynes MK5 8PP
 United Kingdom

PT _____



Authorized person:
Paul Turner



The validity of this certificate is maintained through on-going surveillance audits by the IECQ CB issuing this certificate.
 This Certificate of Conformity may be suspended or withdrawn in accordance with the Rules of Procedure of the IECQ System and its Schemes.
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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 Conformity

Approved Component - Capability

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Board Types:	Rigid single and double-sided with plain holes	BS 123100-003
	Rigid double-sided with plated-through holes	BS 123200-003
	Rigid multi-layer	BS 123300-003
	Flexible single and double sided without-through connections	BS 123400-003
	Flexible double-sided with through-connections	BS 123500-003
	Flex-rigid multi-layer with through-connections	BS 123600-003
Base Materials:	Epoxide Woven Glass Polyimide Film	
Board Size:	610 mm x 457 mm Maximum	BS EN 123 300
	610 mm x 457 mm Maximum	BS EN 123 100, BS EN 123 200
	610 mm x 457 mm Maximum	BS EN 123 400, BS EN 123 500
	610 mm x 457 mm Maximum	BS EN 123 600
Conductors:	Minimum Width: 100 µm ± 25 µm	
	Minimum Spacing: 100 µm ± 25 µm	
Number of Layers:	24 Maximum	
Plated-through hole diameter:	0.30 mm Minimum finished	for component mounting
	0.30 mm Minimum drilled	via hole
Aspect ratio:	9 : 1 Maximum	

This schedule is only valid in conjunction with the referenced Certificate of Approval

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