



## IECQ Certificate of Conformity

# Capability

IECQ Certificate No.:	IECQ-C BSI 15.0001	Issue No.:	4	Status:	Current
Supersedes:	<a href="#">IECQ-C BSI 15.0001 Issue 3</a>	Issue Date:	2021/06/07	Org Issue:	2003/08/18
CB Reference No.:	026/QCA Issue 12	Expiration:	2024/01/31		

**P W Circuits Limited**  
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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 123 000 {2001}** System of quality assessment – generic specification -Printed boards

Process Manual Reference: **BS/CM01/IECQ 001 IECQ 03-3 Annex D**

Details of Components/Assemblies/Materials:

**Assessment level: C**  
**Incorporating the requirements of ANSI / IPC-A-600 Class 2**

**Rigid Printed Boards:**

**Multilayer**

**Double-sided with plated-through holes**

**Single & Double-sided with plain holes**

**Flex-Rigid Printed Boards:**

**Multilayer with through-connections**

-- Attached Schedule: IECQ-C BSI 15.0001-S\_026\_QCA scope Issue 4.pdf --

**Issued by the Certification Body (CB): BSI**

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

**Paul Turner**

*PT*



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This Certificate of Conformity may be suspended or withdrawn in accordance with the Rules of Procedure of the IECQ System and its Schemes.

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The Status and authenticity of this certificate may be verified by visiting [www.iecq.org](http://www.iecq.org)



## IEC QUALITY ASSESSMENT SYSTEM (IECQ)

covering Electronic Components,  
Assemblies, Related Materials and Processes

For rules and details of the IECQ visit [www.iecq.org](http://www.iecq.org)

# Schedule of Scope to Certificate of Conformity

## Approved Component - Capability

IECQ Certificate No.: IECQ-C BSI 15.0001

CB Certificate No.: 026/QCA

Schedule Number: IECQ-C BSI 15.0001-S

Rev No.: 4

Revision Date: 2021/06/07

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<b>Board Types:</b>	Rigid Multilayer	BS 123300-003
	Rigid double-sided with plated through holes	BS 123200-003
	Rigid single & double-sided with plain holes	BS 123100-003
	Flex-Rigid multilayer with through holes	BS 123600-003
<b>Base Materials:</b>	Epoxide Woven Glass	
	Polyimide Film	
<b>Board Size:</b>	495.30 mm x 419.10 mm multilayer	BS 123300-003
	261.87 mm x 322.33 mm multilayer	BS 123600-003
<b>Number of Layers</b>	32 maximum	BS 123300-003
	10 maximum	BS 123600-003
<b>Conductors</b>	0.10 mm (photomech) Tolerance -0.02 mm +0.03 mm	
<b>Plated-through Hole Diameter:</b>	0.20 mm Minimum Finished hole size	BS 123300-003
	0.80 mm Minimum Finished hole size	BS 123600-003
<b>Aspect Ratio:</b>	16.4 : 1 Maximum	BS 123300-003
	2.27 : 1 Maximum	BS 123600-003
<b>Finishes:</b>	* Hot Air Solder Levelling	
	Immersion Silver	
	2.5µm Gold over Copper Edge Contacts	
	Liquid Photopolymer Solder Resist	
	Legend; UV or Oven Cured	
	Solder resist UV cured	
<b>Additional:</b>	Selective Electroplated Gold (2.5 µm) on Copper	
	Selective Electroless Gold (0.07 µm) on Nickel	

\* This finish meets the Solderability requirements

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