



## 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 15.0002

CB Certificate No.: E039/CA

Schedule Number: IECQ-C BSI 15.0002-S      Rev No.: 12      Revision Date: 2018/11/09      Page 1 of 2

|                                      |  |                              |
|--------------------------------------|--|------------------------------|
| <b>Board Types:</b>                  | 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                |
| <b>Base Materials:</b>               | Epoxide Woven Glass<br>Polyimide Film                        |                              |
| <b>Board Size:</b>                   | 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                |
| <b>Conductors:</b>                   | Minimum Width:      100 $\mu$ m $\pm$ 25 $\mu$ m             |                              |
|                                      | Minimum Spacing:      100 $\mu$ m $\pm$ 25 $\mu$ m           |                              |
| <b>Number of Layers:</b>             | 24      Maximum  |                              |
| <b>Plated-through hole diameter:</b> | 0.30 mm Minimum      finished                                | for component mounting       |
|                                      | 0.30 mm Minimum      drilled                                 | via hole                     |
| <b>Aspect ratio:</b>                 | 9 : 1      Maximum   |                              |

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

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### Finishes:

- \* Hot Air Solder Levelling
- Liquid Photopolymer Solder Resist
- Legend; Thermally Cured
- ENIG surface finish

### Additional:

- Bonded Heatsinks: Anodised Aluminium
- Blind and Buried Via Holes
- Rigidisers / Stiffeners

\* These finishes meet the solderability requirements after accelerated ageing.

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