

Test Certificate

Electronic components



Certificate No 8149

This is to certify that Printed circuit board material types as listed in the schedule to this certificate

Submitted by Kingboard Laminates (Macao Commercial Offshore) Limited
Av. Da Praia Grande No.599
Edificio Commercial Rodrigues
3 rd Andar B
Macao

have been tested by BSI in accordance with
CP0322 and Test Leaflet 5 to BS EN 60065:2002 (IEC 60065:2001)
with Amendment No 1 Sub-clause 20.1.3

Details of the scope of the testing are given in
BSI Report No 245/000196 and any addenda thereto.

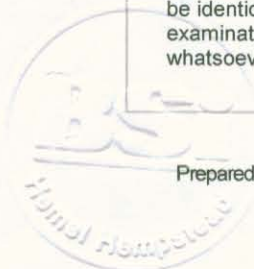
Signed

Issue date 16 August 2009

Expiry date 15 August 2011

Attention is drawn to the conditions under which this certificate is issued, namely:

1. The Conditions of Contract for Testing (CP0322) and the specific conditions (Test Leaflet No TL5 or TL22 as stated above) apply in all respects.
2. This certificate may not be published except in full including any schedule unless permission for the publication of an approved extract has been obtained in writing from the Managing Director of Testing Services.
3. This certificate is valid until the expiry date shown above. It shall then be considered cancelled and withdrawn and shall not be used in any way whatsoever.
4. If BSI is satisfied that the manufacturer is marketing what is purporting to be the same model of component but which has been altered or modified or is in any material aspect different from the item tested or is satisfied in respect of evidence discovered by or submitted to it that components purporting to be identical to that originally certified are no longer meeting any part of the requirements of the original examination and tests then the certificate will be immediately withdrawn and shall not be used in any way whatsoever.



Printed circuit board material type:

KB-6150 copper-clad both sides
with a minimum thickness of 0.38 mm
manufactured at Shenzhen Shuitian Kingboard Manufacturing Factory


KB-6150 copper-clad both sides
with a minimum thickness of 0.38 mm
manufactured at Kingboard Laminates (Kunshan) Co.,Ltd

KB-6150 copper-clad both sides
with a minimum thickness of 0.38 mm
manufactured at Kingboard Electronic Raw Material Jiangyin Ltd

KB-6150 copper-clad both sides
with a minimum thickness of 0.39 mm
manufactured at Kingboard (Fogang) Laminates Ltd

KB-6150 copper-clad both sides
with a minimum thickness of 0.38 mm
manufactured at Jiangmen Kingboard Laminates Ltd

In respect of BS EN 60065:2002 and Amendment No 1 Sub-clause 20.1.3 samples achieved a flammability category of V-0 in accordance with IEC 60707.

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This schedule must be read in conjunction with the test certificate identified above and may not be published except in full including the certificate.

Schedule to Test Certificate No
Schedule issue date
Test Certificate expiry date

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16 August 2009
15 August 2011



Printed circuit board material type:

KB-6150C copper-clad both sides
with a minimum thickness of 0.38 mm
manufactured at Shenzhen Shuitian Kingboard Manufacturing Factory

KB-6150C copper-clad both sides
with a minimum thickness of 0.38 mm
manufactured at Kingboard Laminates (Kunshan) Co.,Ltd

KB-6150C copper-clad both sides
with a minimum thickness of 0.38 mm
manufactured at Kingboard Electronic Raw Material Jiangyin Ltd

KB-6150C copper-clad both sides
with a minimum thickness of 0.38 mm
manufactured at Kingboard (Fogang) Laminates Ltd

KB-6150C copper-clad both sides
with a minimum thickness of 0.38 mm
manufactured at Jiangmen Kingboard Laminates Ltd

In respect of BS EN 60065:2002 and Amendment No 1 Sub-clause 20.1.3 samples achieved a flammability category of V-0 in accordance with IEC 60707.



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Prepared by: BSI Maylands Avenue Hemel Hempstead Hertfordshire HP2 4SQ

Printed circuit board material type:

KB-6155 copper-clad both sides
with a minimum thickness of 0.40 mm
manufactured at Shenzhen Shuitian Kingboard Manufacturing Factory

KB-6155 copper-clad both sides
with a minimum thickness of 0.40 mm
manufactured at Kingboard Laminates (Kunshan) Co.,Ltd

KB-6155 copper-clad both sides
with a minimum thickness of 0.40 mm
manufactured at Kingboard Electronic Raw Material Jiangyin Ltd

KB-6155 copper-clad both sides
with a minimum thickness of 0.41 mm
manufactured at Kingboard (Fogang) Laminates Ltd

KB-6155 copper-clad both sides
with a minimum thickness of 0.40 mm
manufactured at Jiangmen Kingboard Laminates Ltd

In respect of BS EN 60065:2002 and Amendment No 1 Sub-clause 20.1.3 samples achieved a flammability category of V-0 in accordance with IEC 60707.

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Printed circuit board material type:

KB-6160 copper-clad both sides
with a minimum thickness of 0.36 mm
manufactured at Shenzhen Shuitian Kingboard Manufacturing Factory

KB-6160 copper-clad both sides
with a minimum thickness of 0.36 mm
manufactured at Kingboard Laminates (Kunshan) Co.,Ltd

KB-6160 copper-clad both sides
with a minimum thickness of 0.39 mm
manufactured at Kingboard Electronic Raw Material Jiangyin Ltd

KB-6160 copper-clad both sides
with a minimum thickness of 0.38 mm
manufactured at Kingboard (Fogang) Laminates Ltd

KB-6160 copper-clad both sides
with a minimum thickness of 0.37 mm
manufactured at Jiangmen Kingboard Laminates Ltd

In respect of BS EN 60065:2002 and Amendment No 1 Sub-clause 20.1.3 samples achieved a flammability category of V-0 in accordance with IEC 60707.



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Printed circuit board material type:

KB-6160A copper-clad both sides
with a minimum thickness of 0.39 mm
manufactured at Shenzhen Shuitian Kingboard Manufacturing Factory

KB-6160A copper-clad both sides
with a minimum thickness of 0.39 mm
manufactured at Kingboard Laminates (Kunshan) Co.,Ltd

KB-6160A copper-clad both sides
with a minimum thickness of 0.38 mm
manufactured at Kingboard Electronic Raw Material Jiangyin Ltd

KB-6160A copper-clad both sides
with a minimum thickness of 0.39 mm
manufactured at Kingboard (Fogang) Laminates Ltd

KB-6160A copper-clad both sides
with a minimum thickness of 0.39 mm
manufactured at Jiangmen Kingboard Laminates Ltd

In respect of BS EN 60065:2002 and Amendment No 1 Sub-clause 20.1.3 samples achieved a flammability category of V-0 in accordance with IEC 60707.



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Printed circuit board material type:

KB-6160C copper-clad both sides
with a minimum thickness of 0.38 mm
manufactured at Shenzhen Shuitian Kingboard Manufacturing Factory

KB-6160C copper-clad both sides
with a minimum thickness of 0.38 mm
manufactured at Kingboard Laminates (Kunshan) Co.,Ltd

KB-6160C copper-clad both sides
with a minimum thickness of 0.38 mm
manufactured at Kingboard Electronic Raw Material Jiangyin Ltd

KB-6160C copper-clad both sides
with a minimum thickness of 0.38 mm
manufactured at Jiangmen Kingboard Laminates Ltd

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Printed circuit board material type:

KB-6164 copper-clad both sides
with a minimum thickness of 0.40 mm
manufactured at Shenzhen Shuitian Kingboard Manufacturing Factory

KB-6164 copper-clad both sides
with a minimum thickness of 0.39 mm
manufactured at Kingboard Laminates (Kunshan) Co.,Ltd

KB-6164 copper-clad both sides
with a minimum thickness of 0.39 mm
manufactured at Kingboard Electronic Raw Material Jiangyin Ltd

KB-6164 copper-clad both sides
with a minimum thickness of 0.40 mm
manufactured at Kingboard (Fogang) Laminates Ltd

KB-6164 copper-clad both sides
with a minimum thickness of 0.39 mm
manufactured at Jiangmen Kingboard Laminates Ltd

In respect of BS EN 60065:2002 and Amendment No 1 Sub-clause 20.1.3 samples achieved a flammability category of V-0 in accordance with IEC 60707.

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Printed circuit board material type:

KB-6165 copper-clad both sides
with a minimum thickness of 0.40 mm
manufactured at Shenzhen Shuitian Kingboard Manufacturing Factory

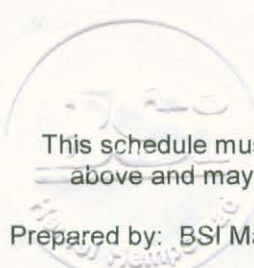
KB-6165 copper-clad both sides
with a minimum thickness of 0.40 mm
manufactured at Kingboard Laminates (Kunshan) Co.,Ltd

KB-6165 copper-clad both sides
with a minimum thickness of 0.40 mm
manufactured at Kingboard Electronic Raw Material Jiangyin Ltd

KB-6165 copper-clad both sides
with a minimum thickness of 0.40 mm
manufactured at Kingboard (Fogang) Laminates Ltd

KB-6165 copper-clad both sides
with a minimum thickness of 0.40 mm
manufactured at Jiangmen Kingboard Laminates Ltd

In respect of BS EN 60065:2002 and Amendment No 1 Sub-clause 20.1.3 samples achieved a flammability category of V-0 in accordance with IEC 60707.

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Printed circuit board material type:

KB-6167 copper-clad both sides
with a minimum thickness of 0.40 mm
manufactured at Shenzhen Shuitian Kingboard Manufacturing Factory


KB-6167 copper-clad both sides
with a minimum thickness of 0.40 mm
manufactured at Kingboard Laminates (Kunshan) Co.,Ltd

KB-6167 copper-clad both sides
with a minimum thickness of 0.39 mm
manufactured at Kingboard Electronic Raw Material Jiangyin Ltd

KB-6167 copper-clad both sides
with a minimum thickness of 0.40 mm
manufactured at Kingboard (Fogang) Laminates Ltd

KB-6167 copper-clad both sides
with a minimum thickness of 0.38 mm
manufactured at Jiangmen Kingboard Laminates Ltd

In respect of BS EN 60065:2002 and Amendment No 1 Sub-clause 20.1.3 samples achieved a flammability category of V-0 in accordance with IEC 60707.

A circular stamp is located at the bottom left of the page. It contains some illegible text and a signature, likely from a BSI representative.

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Printed circuit board material type:

KB-6168 copper-clad both sides
with a minimum thickness of 0.40 mm
manufactured at Shenzhen Shuitian Kingboard Manufacturing Factory

KB-6168 copper-clad both sides
with a minimum thickness of 0.41 mm
manufactured at Kingboard Laminates (Kunshan) Co.,Ltd

KB-6168 copper-clad both sides
with a minimum thickness of 0.40 mm
manufactured at Kingboard Electronic Raw Material Jiangyin Ltd

KB-6168 copper-clad both sides
with a minimum thickness of 0.40 mm
manufactured at Kingboard (Fogang) Laminates Ltd

KB-6168 copper-clad both sides
with a minimum thickness of 0.40 mm
manufactured at Jiangmen Kingboard Laminates Ltd

In respect of BS EN 60065:2002 and Amendment No 1 Sub-clause 20.1.3 samples achieved a flammability category of V-0 in accordance with IEC 60707.



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Prepared by: BSI Maylands Avenue Hemel Hempstead Hertfordshire HP2 4SQ