

Certificate



for European Product Safety

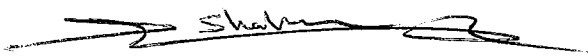
Reference No. 913033

Resistors

Type designation	RM-series
Certificate holder	Futaba Electric Co., Ltd. 9, Lane 240, Taming Road Chutung, Hsinchu 310, TAIWAN
The product complies with the standard	EN 60065:2002, A1 and A11 (Clause 13, 14.1a and 14.1b)
Date of expiry	1 October 2014
EU Directive information	The product satisfies the provisions for CE marking according to the Low Voltage Directive 2006/95/EC.

Additional information in Appendix.

Certification Body Intertek Semko AB, Product Certification Place Kista - Stockholm

Signed  Date 1 October 2009
Shan Sohrabiyani

Page 1 of 3



Appendix

Reference No. 913033

Technical data

Type designation	RM series
Rated power	0.25W, 0.5W, 1W, 2W
Rated resistance	100k Ω ~ 100M Ω
Brand name	FUTABA

Manufacturing sites

Futaba Electric Co., Ltd.
9, Lane 240, Taming Road
Chutung, Hsinchu
310 TAIWAN

Shuangyu Electronics (Shenzhen) Co., Ltd.
No. 2, Tang Tou Industrial Zone
Shi Yian Town, Bao An District
Shen Zhen City, Kwan Tung
CHINA

Futaba Electronics (Suzhou) Co., Ltd.
No. 38, Chunqiu Road
Panyang Industrial Park
Huangdai Town, Xiangcheng District
Suzhou City, Jiangsu
CHINA

This Certificate is valid only after the following limitations:

The 2W resistor may bridge reinforced insulation.

The 0.25W, 0.5W and 1W resistors must be used only for basic and supplementary insulation.

Note: For resistors with a resistance below 505k Ω the leakage current may exceed 0.7mA (peak) a.c. and 2.0mA d.c.

This certificate replaces previously issued ref. No. 814991, dated 29 October 2008.

A new certificate has been issued on account of two added manufacturing sites and updating of the standard.

This Certificate is for the exclusive use of Intertek's Client and is provided pursuant to the Certification agreement between Intertek and its Client. Intertek's responsibility and liability are limited to the terms and conditions of the agreement. Intertek assumes no liability to any party, other than to the Client in accordance with the agreement, for any loss, expense or damage occasioned by the use of this certificate. Only the Client is authorized to permit copying or distribution of this certificate and then only in its entirety. Use of Intertek's Certification mark is restricted to the conditions laid out in the agreement. Any further use of the Intertek name for the sale or advertisement of the tested material, product or service must first be approved in writing by Intertek. Initial Factory Assessments and Follow up Services are for the purpose of assuring appropriate usage of the Certification mark in accordance with the agreement, they are not for the purposes of production quality control and do not relieve the Client of their obligations in this respect.



Appendix

Reference No. 913033

This certificate, which includes production control, is considered to constitute sufficient support for an EC Declaration of Conformity and CE marking of the products according to the Low Voltage Directive 2006/95/EC.

Certification Body Intertek Semko AB, Product Certification *Place* Kista - Stockholm

Signed

A handwritten signature in black ink, appearing to read "Shan Sohrabiyani", written over a horizontal line.

Shan Sohrabiyani

Date 1 October 2009

This Certificate is for the exclusive use of Intertek's Client and is provided pursuant to the Certification agreement between Intertek and its Client. Intertek's responsibility and liability are limited to the terms and conditions of the agreement. Intertek assumes no liability to any party, other than to the Client in accordance with the agreement, for any loss, expense or damage occasioned by the use of this certificate. Only the Client is authorized to permit copying or distribution of this certificate and then only in its entirety. Use of Intertek's Certification mark is restricted to the conditions laid out in the agreement. Any further use of the Intertek name for the sale or advertisement of the tested material, product or service must first be approved in writing by Intertek. Initial Factory Assessments and Follow up Services are for the purpose of assuring appropriate usage of the Certification mark in accordance with the agreement, they are not for the purposes of production quality control and do not relieve the Client of their obligations in this respect.



Ref Certif No

SE-56152A1

IEC SYSTEM FOR MUTUAL RECOGNITION OF TEST
CERTIFICATES FOR ELECTRICAL EQUIPMENT
(IECEE) CB SCHEMESYSTEME CEI D'ACCEPTATION MUTUELLE DE
CERTIFICATS D'ESSAIS DES EQUIPEMENTS
ELECTRIQUES (IECEE) METHODE OC

CB TEST CERTIFICATE

CERTIFICAT D'ESSAI OC

Product
Produit

Resistors

Name and address of the applicant
Nom et adresse du demandeurFutaba Electric Co., Ltd.
9, Lane 240, Taming Road, Chutung, Hsinchu
310, TAIWANName and address of the manufacturer
Nom et adresse du fabricant

Same as applicant

Name and address of the factory
Nom et adresse de l'usine

See page 2.

Note: When more than one factory, please report on page 2
Note: Lorsque il y plus d'une usine, veuillez utiliser la 2^{ème}Ratings and principal characteristics
Valeurs nominales et caractéristiques principales

100kΩ ~ 100MΩ, 0.25W, 0.5W, 1W, 2W

Trademark (if any)
Marque de fabrique (si elle existe)

FUTABA

Type of Manufacturer's Testing Laboratories used
Type de programme du laboratoire d'essais
constructeur

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Model / Type Ref.
Ref. De type

RM-series

Additional information (if necessary may also be
reported on page 2)
Les informations complémentaires (si nécessaire,
peuvent être indiqués sur la 2^{ème} page)

See page 2.

A sample of the product was tested and found
to be in conformity with
Un échantillon de ce produit a été essayé et a été
considéré conforme à laIEC 60065:2001 and A1.
Clause 13, 14.1a) and 14.1b)As shown in the Test Report Ref. No. which forms part
of this Certificate
Comme indiqué dans le Rapport d'essais numéro de
référence qui constitue partie de ce Certificat

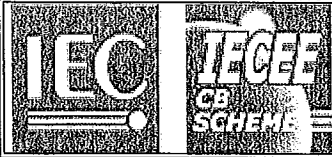
814991

This CB Test Certificate is issued by the National Certification Body
Ce Certificat d'essai OC est établi par l'Organisme National de CertificationIntertek Semko AB
Box 1103
SE-164 22 Kista, Sweden
Int +46 8 750 00 00**Intertek ETL SEMKO**

Signature:

Bo Berglöv

Date: 1 October 2009



Ref. Certif No

SE-56152A1

**Factories
Les usines**

Futaba Electric Co., Ltd.
9, Lane 240, Taming Road, Chutung, Hsinchu
310, TAIWAN

Shuangyu Electronics (Shenzhen) Co., Ltd.
No. 2, Tang Tou Industrial Zone, Shi Yian Town, Bao An District
Shen Zhen City, Kwan Tung, CHINA

Futaba Electronics (Suzhou) Co., Ltd.
No. 38, Chunqiu Road, Panyang Industrial Park, Huangdai Town
Xiangcheng District, Suzhou City, Jiangsu, CHINA

**Additional information (if necessary)
Information complémentaire (si nécessaire)**

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The 2W resistor may bridge reinforced insulation.
The 0.25W, 0.5W and 1W resistors must be used only for basic and supplementary insulation.

Note: For resistors with a resistance below 505kΩ the leakage current may exceed 0.7mA (peak) a.c. and 2.0mA d.c.

This Certificate replaces CB Certificate SE-56152, dated 29 October 2008.
A new Certificate has been issued due to two added factories.

End.

Date: 1 October 2009

Signature: