

Safety Standard Certified Ceramic Capacitors
(安全規格認定セラミックコンデンサ)

Type RB

X1 : 760 Vac(r.m.s.) Y1 : 500 Vac(r.m.s.)

Certification Body (認証機関)	Standard No. (規格番号)	Certificate No.* (認定番号)	Expiration date (有効期限)	Attached Page No. (添付ページ番号)
UL/cUL	UL60384-14/CSA E60384-14	E37921	No expiration date (有効期限無し)	j-1
ENEC(VDE)	DIN60384-14 EN60384-14 IEC60384-14	40046675	No expiration date (有効期限無し)	j-2
CQC	IEC60384-14	CQC17001178139	No expiration date (有効期限無し)	j-3

* Above Certified No. may be changed on account of the revision of standards and the renewal of certification.

(* 認定番号は規格番号の改訂、取得範囲の変更により変わることがあります。)

Murata Mfg. Co.,Ltd.

株式会社 村田製作所



FOWX2.E37921 - Fixed Capacitors for Use in Electronic Equipment - Component

Fixed Capacitors for Use in Electronic Equipment - Component

MURATA MFG CO LTD

E37921

1101 HIGASIKOTARI COMPONENT BUSINESS UNIT
 NAGAOKAKYO 617-8555
 JAPAN
 NAGAOKAKYO, KYOTO 617-8555 Japan

Type Dsg	Capacitor Class	Fixed Capacitors		Resistance		
		Voltage Rating (V)	Capacitance (μF or pF) (Tolerance)	for RC Devices (ohms)	Lower Temp (°C)	Upper Temp (°C)
KJ \$	X1/Y2	440/300 Vac	100~4700pF, +/-20%	—	-55	+125
KX \$\$	X1	250/440 Vac	10 ~ 4700 pF, +/-20%	—	-40	+125
	Y1	250/300 Vac	10 ~ 4700 pF, +/-5% or +/-10% or +/-20%	—	-40	+125
KH \$	X1	250/440 Vac	100 ~ 10000 pF, +/-10% or +/-20%	—	-40	+125
	Y2	250/300 Vac	100 ~ 10000 pF, +/-10% or +/-20%	—	-40	+125
KY \$\$	X1	250 Vac	10 ~ 10000 pF, +/-5% or +/-10% or +/-20%	—	-40	+125
	Y2	250/300 Vac	10 ~ 10000 pF, +/-5% or +/-10% or +/-20%	—	-40	+125
GF+GA35****GF***** (*: may be space, 0 to 9, A to Z) \$\$\$	X1/Y2	250 Vac	100 ~ 4700 pF, +/-10%	—	-55	+125
GB+GA35****GB****W*** (*: may be space, 0 to 9, A to Z) \$\$\$	X2	250 Vac	10000, 15000, 22000, 33000, 47000, or 56000 pF, +/-10%	—	-55	+125
KL \$\$ (#)&	X1	440 Vac	10 ~ 4700 pF, +/-5% or +/-10% or +/-20%	—	-40	+125
	Y1	250/300 Vac	10 ~ 4700 pF, +/-5% or +/-10% or +/-20%	—	-40	+125

MF (\$)	X1	250Vac	100~1000pF, +/-10%(100~4700pF) +/-20%(5600~10000pF)	—	-55	+125
	Y2					
RA (\$)	X1/Y1	500Vac	10~4700pF, +/-10%(10~82pF) +/-10% or +/-20% (68~1000pF) +/-20%(470~4700pF)	—	-40	+125
		440/300 Vac				
		440/250 Vac				
		440/400 Vac				
SA (\$)	X1/Y2	440/400 Vac	10~10000pF, +/-10%(10~82pF) +/-10% or +/-20% (68~1000pF) +/-20%(470~10000pF)	—	-40	+125
		300/300 Vac				
		300/250 Vac				
EA (\$)	X1	440	10~1500pF, +/-10% or +/-20%	—	-40	+125
	Y1	250/300				
RB (\$)	X1	760	10~4700pF, +/-10% or +/-20%	—	-40	+125
	Y1	500				

\$ - The model code may be followed by M for +/-20%, K for +/-10%.

\$\$ - The model code may be followed by M for +/-20%, K for +/-10%, J for +/-5%.


(#)Type "KL" is limited to use in UL 60950 and/or UL 60065 products.

Clearance between leads can be less than 8 mm.

Clearance/creepage shall follow the UL 60950 and/or UL 60065 requirement

&- Type KL includes Radial type and Axial type, and the body color of capacitor is free.

\$\$\$ - The model code may be followed by K for +/-10%.

Marking: Company name or trademark  followed by optional suffix number and type designation on each final production device or on smallest shipping container.

Last Updated on 2022-04-01

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FOWX8.E37921 - Fixed Capacitors for Use in Electronic Equipment Certified for Canada - Component

Fixed Capacitors for Use in Electronic Equipment Certified for Canada - Component

See General Information for Fixed Capacitors for Use in Electronic Equipment Certified for Canada - Component

MURATA MFG CO LTD
 COMPONENT BUSINESS UNIT
 1-10-1 HIGASIKOTARI
 NAGAOKAKYO-SHI, KYOTO 617-8555 JAPAN

E37921


Fixed Capacitors

Type Dsg	Capacitor Class	Voltage Rating (V)	Capacitance (μF or pF) (Tolerance)	Resistance for RC Devices (ohms)	Lower Temp (°C)	Upper Temp (°C)
KJ (\$)	X1/Y2	440/300 Vac	100~4700pF, +/-20%	—	-55	+125
GF+GA35****GF***** (*: may be space, 0 to 9, A to Z) \$\$\$	X1	250 Vac	100 ~ 4700 pF, +/-10%	—	-55	+125
	Y2	250 Vac	100 ~ 4700 pF, +/-10%	—	-55	+125
MF (\$)	X1	250 Vac	100~10000pF +/-10% (100~4700pF)	—	-55	+125
	Y2		+/-20% (5600~10000pF)			
RA (\$)	X1/Y1	500Vac	10~4700pF, +/-10%(10~82pF) +/-10% or +/-20% (68~1000pF) +/-20% (470~4700pF)	—	-40	+125
		440/300 Vac				
		440/250 Vac				
		440/400 Vac				
SA (\$)	X1/Y2	440/400 Vac	10~10000pF, +/-10%(10~82pF) +/-10% or +/-20% (68~1000pF) +/-20% (470~10000pF)	—	-40	+125
		300/300 Vac				

		300/250 Vac				
EA (\$)	X1	440	10~1500pF, +/-10% or +/-20%	—	-40	+125
	Y1	250/300				
RB (\$)	X1	760	10~4700pF, +/-10% or +/-20%	—	-40	+125
	Y1	500				

\$ - The model code may be followed by M for +/-20%, K for +/-10%.

\$\$\$ - The model code may be followed by K for +/-10%.

Marking: Company name or trademark  followed by optional suffix number and type designation and Recognized

Component Mark for Canada,



Last Updated on 2021-01-06

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ZEICHENGENEHMIGUNG MARKS APPROVAL

Murata Mfg. Co., Ltd.
(Headquarters)
10-1 Higashikotari 1-Chome
NAGAOKAKYO-SHI, KYOTO 617-8555
JAPAN

ist berechtigt, für ihr Produkt /
is authorized to use for their product

**Festkondensator zur Unterdrückung elektromagnetischer
Störungen, geeignet für Netzbetrieb**
*Fixed capacitor for electromagnetic interference
suppression and connection to the supply mains*

die hier abgebildeten markenrechtlich geschützten Zeichen
für die ab Blatt 2 aufgeführten Typen zu benutzen /
the legally protected Marks as shown below for the types referred to on page 2 ff.



Geprüft und zertifiziert nach /
Tested and certified according to

DIN EN 60384-14 (VDE 0565-1-1):2014-04; EN 60384-14:2013-08
DIN EN 60384-14/A1 (VDE 0565-1-1/A1):2017-04; EN 60384-14:2013/A1:2016
IEC 60384-14:2013
IEC 60384-14:2013/AMD1:2016



Aktenzeichen: 748200-4670-0064 / 235447

File ref.:

Ausweis-Nr. 40046675

Certificate No.

Weitere Bedingungen siehe Rückseite und Folgeblätter /
further conditions see overleaf and following pages

Offenbach, 2017-07-20

Blatt 1

Page

VDE Prüf- und Zertifizierungsinstitut GmbH
VDE Testing and Certification Institute
Zertifizierungsstelle / Certification

R. Nickel

VDE Zertifikate sind nur gültig bei Veröffentlichung unter:
VDE certificates are valid only when published on:

<http://www.vde.com/zertifikat>
<http://www.vde.com/certificate>

VDE Prüf- und Zertifizierungsinstitut Zeichengenehmigung

Ausweis-Nr. / Blatt /
Certificate No. / Page
40046675 / 2

Name und Sitz des Genehmigungs-Inhabers / *Name and registered seat of the Certificate holder*

Murata Mfg. Co., Ltd. (Headquarters), 10-1 Higashikotari 1-Chome, NAGAOKAKYO-SHI, KYOTO 617-8555, JAPAN

Aktenzeichen / *File ref.*

748200-4670-0064 / 235447 / CC2 / KIL

Datum / *Date*

2017-07-20

Dieses Blatt gilt nur in Verbindung mit Blatt 1 des Zeichengenehmigungsausweises Nr. 40046675.

This supplement is only valid in conjunction with page 1 of the Certificate No. 40046675.

Festkondensator zur Unterdrückung elektromagnetischer Störungen, geeignet für Netzbetrieb *Fixed capacitor for electromagnetic interference suppression and connection to the supply mains*

Typ(en) / *Type(s)*

RB-Series

Bemessungskapazität
Rated capacitance

10pF; 12pF; 15pF; 18pF; 22pF; 27pF; 33pF; 39pF; 47pF;
56pF; 68pF; 82pF; 100pF; 150pF; 220pF; 330pF; 470pF;
680pF; 1000pF; 1500pF; 2200pF; 3300pF; 3900pF;
4700pF

Bemessungsspannung
Rated voltage

X1: AC 760 V
Y1: AC 500 V

Kondensatorklasse und -unterklasse
Capacitor class and subclass

X1Y1

Keramikart
Type of ceramic

SL (10 pF bis/to 82 pF)
B (68 pF bis/to 1000 pF)
E (470 pF bis/to 4700 pF)

Grenzabweichung der
Bemessungskapazität
Tolerance of rated capacitance

±10% (K) oder/or ±20% (M)

Klimakategorie
Climatic category

40/125/21

Kategorie der passiven Entflammbarkeit
Passive flammability category

C

Warenzeicheninhaber
Trademark holder

Murata Mfg. Co., Ltd. (Headquarters)

Weitere Einzelheit(en)
Further detail(s)

Anlage Nr. 600 vom 2017-07-20
Enclosure no. 600 dated 2017-07-20

VDE Prüf- und Zertifizierungsinstitut GmbH
VDE Testing and Certification Institute
Fachgebiet CC2
Section CC2

VDE Prüf- und Zertifizierungsinstitut Zeichengenehmigung

Ausweis-Nr. / Beiblatt /
Certificate No. Supplement
40046675

Name und Sitz des Genehmigungs-Inhabers / *Name and registered seat of the Certificate holder*

Murata Mfg. Co., Ltd. (Headquarters), 10-1 Higashikotari 1-Chome, NAGAOKAKYO-SHI, KYOTO 617-8555,
JAPAN

Aktenzeichen / *File ref.*

748200-4670-0064 / 235447 / CC2 / KIL

Datum / *Date*

2017-07-20

Dieses Beiblatt ist Bestandteil des Zeichengenehmigungsausweises Nr. 40046675.

This supplement is part of the Certificate No. 40046675.

Festkondensator zur Unterdrückung elektromagnetischer Störungen, geeignet für Netzbetrieb

***Fixed capacitor for electromagnetic interference
suppression and connection to the supply mains***

Fertigungsstätte(n)

Place(s) of manufacture

Referenz/*Reference*

30002166

Murata Electronics (Thailand) Ltd.
Northern Region Ind. Est., 63 Moo 4
Tambol Ban-Klang Amphur Muang
TH-51000 LAMPHUN
THAILAND

VDE Prüf- und Zertifizierungsinstitut GmbH

VDE Testing and Certification Institute

Fachgebiet CC2

Section CC2



VDE Prüf- und Zertifizierungsinstitut Zeichengenehmigung

Ausweis-Nr. / Infoblatt /
Certificate No. / Info sheet
40046675

Name und Sitz des Genehmigungs-Inhabers / Name and registered seat of the Certificate holder

Murata Mfg. Co., Ltd. (Headquarters), 10-1 Higashikotari 1-Chome, NAGAOKAKYO-SHI, KYOTO 617-8555, JAPAN

Aktenzeichen / File ref.

748200-4670-0064 / 235447 / CC2 / KIL

Datum / Date

2017-07-20

Dieses Blatt gilt nur in Verbindung mit Blatt 1 des Zeichengenehmigungsausweises Nr. 40046675.

This supplement is only valid in conjunction with page 1 of the Certificate No. 40046675.

Genehmigung zum Benutzen des auf Seite 1 abgebildeten markenrechtlich geschützten Zeichens des VDE:

Grundlage für die Benutzung sind die Allgemeinen Geschäftsbedingungen (AGB) der VDE Prüf- und Zertifizierungsinstitut GmbH (www.vde.com\AGB-Institut). Das Recht zur Benutzung erstreckt sich nur auf die bezeichnete Firma mit den genannten Fertigungsstätten und die oben aufgeführten Produkte mit den zugeordneten Bezeichnungen. Die Fertigungsstätte muss so eingerichtet sein, dass eine gleichmäßige Herstellung der geprüften und zertifizierten Ausführung gewährleistet ist.

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Produkte, die das Biozid Dimethylfumarat (DMF) enthalten, dürfen gemäß der Kommissionsentscheidung 2009/251/EG nicht mehr in den Verkehr gebracht oder auf dem Markt bereitgestellt werden.

Der VDE-Zeichengenehmigungsausweis wird ausschließlich auf der ersten Seite unterzeichnet.

Approval to use the legally protected Mark of the VDE as shown on the first page:

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Products containing the biocide dimethylfumarate (DMF) may not be marketed or made available on the EC market according to the Commission Decision 2009/251/EC.

The approval is solely signed on the first page.



产品认证证书

证书编号: CQC17001178139

申请人名称及地址

株式会社 村田制作所
日本国京都府长冈京市东神足1丁目10-1番

制造商名称及地址

株式会社 村田制作所
日本国京都府长冈京市东神足1丁目10-1番

生产企业名称及地址

Murata Electronics (Thailand), Ltd. (V004507)
Northern Region Ind. Estate 63 Moo 4, Tambol Ban-Klang Amphur Muang,
Lamphun, 泰国

产品名称和系列、规格、型号

抑制电磁干扰和电源网络连接用固定电容器
RB: 10pF~4700pF ; X1Y1; K (±10%) or M (±20%) ; X1: AC 760V, Y1: AC 500V; 40/125/21/C

产品标准和技术要求

IEC60384-14:2005

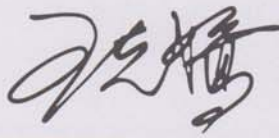
认证模式

产品型式试验+获证后监督

上述产品符合 CQC11-471112-2015 认证规则的要求, 特发此证。

发证日期: 2018年05月25日

本证书的有效性依据发证机构的定期监督获得保持。
本证书为变更证书, 证书首次颁发日期: 2017年09月29日

主任: 



中国质量认证中心

中国·北京·南四环西路188号9区100070

<http://www.cqc.com.cn>

C 0114125



PRODUCT CERTIFICATE

CERTIFICATE NO.: CQC17001178139

NAME AND ADDRESS OF THE APPLICANT

Murata Manufacturing Co.
10-1 Higashikotari 1-Chome Nagaokakyo-shi Kyoto-fu 617-8555, Japan

NAME AND ADDRESS OF THE MANUFACTURER

Murata Manufacturing Co.
10-1 Higashikotari 1-Chome Nagaokakyo-shi Kyoto-fu 617-8555, Japan

NAME AND ADDRESS OF THE FACTORY

Murata Electronics (Thailand), Ltd. (V004507)
Northern Region Ind. Estate 63 Moo 4, Tambol Ban-Klang Amphur Muang, Lamphun, Thailand

PRODUCT NAME, MODEL AND SPECIFICATION

FIXED CAPACITORS FOR ELECTROMAGNETIC INTERFERENCE SUPPRESSION AND
CONNECTION TO THE SUPPLY MAINS

RB: 10pF~4700pF ; X1Y1; K (±10%) or M (±20%) ; X1: AC 760V, Y1:AC 500V; 40/125/21/C

THE STANDARDS AND TECHNICAL REQUIREMENTS FOR THE PRODUCTS

IEC60384-14:2005

TYPE OF CERTIFICATION SCHEMES

Type Testing of Product + Follow up Factory Inspection

This is to certify that the above mentioned product(s) complies with the requirements of certification
rules of CQC11-471112-2015 .

Valid from: May.25,2018

The validity of the certificate is subject to positive result of the regular follow up inspection by issuing
certification body.

Date of original issued: Sep.29,2017

President: _____

Wang Kejiao



CHINA QUALITY CERTIFICATION CENTRE

Section 9, No.188, Nansihuan Xilu, Beijing 100070 P.R.China
<http://www.cqc.com.cn>

C 0114125