

Safety Certificates

(安全規格認定書)

Ref. No. SCEA300_015M

Safety Standard Certified Ceramic Capacitors

(安全規格認定セラミックコンデンサ)

Type EA

X1 : 440 Vac(r.m.s.) Y1 : 300 Vac(r.m.s.) X1Y1 : 1500Vdc(UL)

Safety Standard Certification (安全規格認証)	Standard No. (規格番号)	Certificate No.* (認定番号)	Attached Page No. (添付ページ番号)
ENEC	EN IEC 60384-14	SE-ENEC-2401372R1	g - 1
UL/cUL	UL60384-14/CSA E60384-14	E37921	g - 2
CQC	IEC60384-14	CQC16001142384	g - 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

LICENCE FOR



ENEC LICENCE REF NO. SE-ENEC-2401372R1

Capacitor for radio interference suppression

Type Designation: EA
Licence Holder: Murata Manufacturing Co., Ltd.
10-1 Higashikotari 1-chome
Nagaokakyo-shi
Kyoto-fu 617-8555
Japan

The product complies with the standard(s): EN IEC 60384-14:2023

Licence holder is authorized to use the mark with the following limitations:

Date of expiry: 09 January, 2030

Additional information in Appendix

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


Signed:  **Date:** 07 November, 2025

Quan Li

APPENDIX: ENEC LICENCE REF NO.SE-ENEC-2401372R1

Test Report No. 2404541STO-001, 002, 003, 004,
 2505719STO-001, 002, 003, 004

Technical Data:

Type designation EA
Rated voltage (V) Y1: 250, 300, 400VAC, X1: 440VAC
Frequency (Hz) 50/60 Hz
Input 10-2200pF +-10%, +-20%
Class Y1/X1
Trademark 
Product information 40/125/21/C, SMD,
 Ceramic materials: SL, B, E, F

Nominal capacitance (pF)	Ceramic material group	Capacitance tolerance (%)	Rated voltage (VAC)
10	SL	±10%	X1:440V Y1:400V, 300V, 250V
22			
47			
100	B	±10%	
220			
330			
470			
680	E	±20%	
1000			
1500	F		
2200			

This Certificate is for the exclusive use of Intertek's client and is provided pursuant to the 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. Any use of the Intertek name or one of its marks for the sale or advertisement of the tested material, product or service must first be approved in writing by Intertek. This certificate is not issued under accreditation, by a non-approved body.

APPENDIX:
ENEC LICENCE REF NO.SE-ENEC-2401372R1

Manufacturing Sites: Murata Electronics (Thailand) Ltd.
Northern Region Industrial Estate
63 Moo 4 Tambol Ban-Klang
Amphur Muang Lamphun 51000
THAILAND

This certificate replaces previously issued ref. No. SE-ENEC-2401372 dated 9 January 2025. A new certificate has been issued due to addition of 400VAC for class Y1.

Certification Body: Intertek Semko AB, Product Certification

Place: Kista - Stockholm

Signed:



Date: 07 November, 2025

Quan Li

Fixed Capacitors for Use in Electronic Equipment – Component

COMPANY**E37921****MURATA MFG CO LTD**

COMPONENT BUSINESS UNIT

1-10-1 HIGASIKOTARI

NAGAOKAKYO-SHI, Kyoto 617-8555 Japan



Marking: Company name or trademark , and model designation.

Note: For additional marking information, refer to the [Guide Information Page](#)

View model for additional information

Class X1 and Class Y2 Capacitors, Model(s): [KJ](#) may be followed by M for +/-20%, K for +/-10%.

Class X1/Y1 Capacitors, Model(s): [KL](#)

Class X1/Y1 Capacitors, Model(s): [EA](#) may be followed by K (±10%) (for 10~47pF), K (±10%) or M (±20%) (for 100~680pF), M (±20%) (for 1000~2200pF).

Class X1/Y1 Capacitors, Model(s): [RA](#) may be followed by J (±5%), K (±10%) or M (±20%) for capacitance tolerance.

Class X1/Y1 Capacitors, Model(s): [RB](#) may be followed by K (±10%) or M (±20%) for capacitance tolerance.

Class X1/Y1 Capacitors, Ceramic Disk Type, Model(s): [KX](#) may be followed by J for +/-5%. K for +/-10%. M for +/-20%.

Class X1/Y2 Capacitors, Model(s): [TF](#) may be followed by K (±10%).

Class X1/Y2 Capacitors, Model(s): [SA](#) may be followed by J (±5%), K (±10%) or M (±20%) for capacitance tolerance.

Class X1/Y2 Capacitors, Ceramic Disk Type, Model(s): [KH](#) may be followed by K for +/-10%. M for +/-20%.

Class X1/Y2 Capacitors, Ceramic Disk Type, Model(s): [KY](#) may be followed by J for +/-5%. K for +/-10%. M for +/-20%.

Class X1/Y2 Capacitors, Surface Mount Capacitors, Model(s): [GF series for type GA342](#) may be followed by J (±5%) (for 10~82pF), K (±10%) (for 100~4700pF).

Class X1/Y2 Capacitors, Surface Mount Capacitors, Model(s): [GF series for type GA352, GA355](#) may be followed by J (±5%) (for 10~82pF), K (±10%) (for 100~4700pF).

Class X1/Y2 Capacitors, Surface Mount Capacitors, Model(s): MF may be followed by K ($\pm 10\%$) (for 100~4700pF), M($\pm 20\%$) (for 5600~10000pF).

Class X2 Capacitors, Model(s): GB+GA35****GB****W*** (** may be space, 0 to 9, A to Z*) with Capacitances of 10000, 15000, 22000, 33000, 47000, or 56000 pF with tolerance K.

Last Updated on 2025-12-23

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g - 2 (P2/5)

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

COMPANY**E37921****MURATA MFG CO LTD**

COMPONENT BUSINESS UNIT

1-10-1 HIGASIKOTARI

NAGAOKAKYO-SHI, Kyoto 617-8555 Japan



Marking: Company name or trademark , model designation, and the Recognized Component Mark for Canada

Note: For additional marking information, refer to the [Guide Information Page](#)

View model for additional information

Class X1 and Class Y2 Capacitors, Model(s): [KJ](#) may be followed by M for +/-20%, K for +/-10%.

Class X1/Y1 Capacitors, Model(s): [EA](#) may be followed by K (±10%) (for 10~47pF), K (±10%) or M (±20%) (for 100~680pF), M (±20%) (for 1000~2200pF).

Class X1/Y1 Capacitors, Model(s): [RA](#) may be followed by J (±5%), K (±10%) or M (±20%) for capacitance tolerance.

Class X1/Y1 Capacitors, Model(s): [RB](#) may be followed by K (±10%) or M (±20%) for capacitance tolerance.

Class X1/Y2 Capacitors, Model(s): [TF](#) may be followed by K (±10%).

Class X1/Y2 Capacitors, Model(s): [SA](#) may be followed by J (±5%), K (±10%) or M (±20%) for capacitance tolerance.

Class X1/Y2 Capacitors, Surface Mount Capacitors, Model(s): [GF series for type GA342](#) may be followed by J (±5%) (for 10~82pF), K (±10%) (for 100~4700pF).

Class X1/Y2 Capacitors, Surface Mount Capacitors, Model(s): [GF series for type GA352, GA355](#) may be followed by J (±5%) (for 10~82pF), K (±10%) (for 100~4700pF).

Class X1/Y2 Capacitors, Surface Mount Capacitors, Model(s): [MF](#) may be followed by K (±10%) (for 100~4700pF), M(±20%) (for 5600~10000pF).

[Last Updated](#) on 2025-12-23

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Model EA

File Number: E37921

COMPANY

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

MODEL INFO

EA may be followed by K ($\pm 10\%$) (for 10~47pF), K ($\pm 10\%$) or M ($\pm 20\%$) (for 100~680pF), M ($\pm 20\%$) (for 1000~2200pF).
 Class X1/Y1 Capacitors

GENERAL

US Standard	Canadian Standard	Capacitor Class	Voltage (v)	AC or DC	Capacitance	Tolerance (%)	Resistance for RC Devices (k ohms)	Lower Temperature (°C)	Upper Temperature (°C)	Additional Robustness Grades
ANSI/UL 60384-14:2025 (3rd ed.)	CAN/CSA- E60384-14 (2014)	X1/Y1	1500	DC	10~2200pF	K($\pm 10\%$) or M($\pm 20\%$)		-40	125	
ANSI/UL 60384-14:2025 (3rd ed.)	CAN/CSA- E60384-14 (2014)	Y1	250 / 300/400	AC	10~2200pF	K($\pm 10\%$) or M($\pm 20\%$)		-40	125	
ANSI/UL 60384-14:2025 (3rd ed.)	CAN/CSA- E60384-14 (2014)	X1	440	AC	10~2200pF	K($\pm 10\%$) or M($\pm 20\%$)		-40	125	

Report Date: 2016-03-22

Revision Date: 2025-12-19

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产品认证证书

证书编号: CQC16001142384

发证日期: 2025 年 12 月 10 日

有效期至: 2030 年 12 月 09 日

委托人名称 及注册地址	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 及注册地址	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 及生产地址	Murata Electronics (Thailand), Ltd. 63 Moo4, Tambol Ban-Klang, Amphur Muang, Lamphun 51000 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 EA : X1 440Vac, Y1 400Vac/300Vac/ 250Vac, 10pF ~ 2200pF, 40/125/21/C
产品标准和技术要求	IEC60384-14:2013+AMD1:2016
认证模式	产品检测+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。

本证书为变更证书, 证书首次颁发日期: 2016 年 04 月 12 日

证书有效期内本证书的有效性依据发证机构的定期监督获得保持。

可通过扫描下方二维码或登录国家认监委网站 (www.cnca.gov.cn) 查验证书信息



签发:

谢肇煦



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CHINA QUALITY CERTIFICATION CENTRE



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CERTIFICATE OF PRODUCT CERTIFICATION

CERTIFICATE NO.: CQC16001142384

Valid from: Dec.10,2025

Valid until:Dec.09,2030

NAME AND REGISTERED ADDRESS OF THE APPLICANT	Murata Manufacturing Co., Ltd. 10-1 Higashikotari 1-Chome Nagaokakyo-shi Kyoto-fu 617-8555, Japan
NAME AND REGISTERED ADDRESS OF THE MANUFACTURER	Murata Manufacturing Co., Ltd. 10-1 Higashikotari 1-Chome Nagaokakyo-shi Kyoto-fu 617-8555, Japan
NAME AND LOCATION OF THE FACTORY	Murata Electronics (Thailand), Ltd. 63 Moo4, Tambol Ban-Klang, Amphur Muang, Lamphun 51000 Thailand
PRODUCT NAME, MODEL AND SPECIFICATION	FIXED CAPACITORS FOR ELECTROMAGNETIC INTERFERENCE SUPPRESSION AND CONNECTION TO THE SUPPLY MAINS EA : X1 440Vac, Y1 400Vac/300Vac/ 250Vac, 10pF ~ 2200pF, 40/125/21/C
THE STANDARDS AND TECHNICAL REQUIREMENTS FOR THE PRODUCTS	IEC60384-14:2013+AMD1:2016
TYPE OF CERTIFICATION SCHEMES	Product Testing + 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.

Date of original issued: Apr.12,2016

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

The certificate information is available through the QR code below or CNCA's website: www.cnca.gov.cn



SIGNATURE:

谢肇煦



中国质量认证中心
CHINA QUALITY CERTIFICATION CENTRE



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