

# CERTIFICATE ENEC/FI 2018001 A1



Our Ref. 293093-3

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

**Rating and principal characteristics** 330 VAC or 440 VAC, X1, 0.001  $\mu$ F - 10  $\mu$ F, 40/110/56

**Trade mark (if any)** LGU

**Type** GS-P

**Name and address of the licensee** Liow Gu Electronics Industry Co., Ltd.  
No. 2-1, Lane 465 Kang-Nan Rd.  
Sec. 2, Wu-Chi, TAICHUNG HSIEN, TAIWAN

**Name and address of the manufacturer** Liow Gu Electronics Industry Co., Ltd.  
No. 2-1, Lane 465 Kang-Nan Rd.  
Sec. 2, Wu-Chi, TAICHUNG HSIEN, TAIWAN

**Is in conformity with** EN 60384-14:2013 + A1:2016 [Safety test]

**As shown in the Test Report(s) No(s)** 290465-1, 290465-1 Amendment 1

**It is authorized to use of the marks** ENEC 16 and FI

**Validity** This certificate is valid until 17 January 2023 provided that the Conditions for ENEC and FI certification are met. This certificate includes the right to use the ENEC 16 and FI mark under the condition that product changes (if any) will be approved at SGS Fimko before the product is brought onto market.

**With the following limitations** -

**Date of issue** 20 August 2018

**SGS Fimko Ltd**

**Signature**



Matti Huttunen

Certification Engineer



This certificate has 2 pages




This certificate is issued by the company under its General Conditions for Certification Services accessible at <http://www.sgs.fi/en/Terms-and-Conditions.aspx>. Attention is drawn to the limitations of liability defined therein and in the Test Report here above mentioned which findings are reflected in this certificate. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

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**Additional information**



The product has CB certificate No. FI-36406 A1 issued by SGS Fimko Ltd. in accordance with the CB system.

Capacitance values: 0.001, 0.0012, 0.0015, 0.0018, 0.0022, 0.0027, 0.0033, 0.0039, 0.0047, 0.0056, 0.0068, 0.0082, 0.01, 0.012, 0.015, 0.018, 0.022, 0.027, 0.033, 0.039, 0.047, 0.056, 0.068, 0.082, 0.1, 0.12, 0.15, 0.18, 0.22, 0.27, 0.33, 0.39, 0.47, 0.56, 0.68, 0.82, 1.0, 1.2, 1.5, 1.8, 2.2, 2.7, 3.3, 3.9, 4.7, 5.6, 6.8, 8.2 and 10  $\mu$ F. Tolerance K ( $\pm 10$  %).

This certificate replaces previous ENEC/FI certificate No. 2018001 dated 19 January 2018. Factory address has been updated.

**Manufacturing site(s)**

Ningbo Crown Heroism Electronic (U.S.A.) Co., Ltd.  
No. 3, Fuquan Road, Xiwu Street  
Fenghua area, Ningbo City  
315500 ZHEJIANG, CHINA

**Is based on test / Our ref.**

290465-1, 290465-1 Amendment 1