

LICENCE FOR



ENEC LICENCE REF NO. SE-ENEC-2200055

Capacitor for radio interference suppression

Type Designation: PHE820*

Licence Holder: KEMET Electronics Oy
Siikarannantie 3
FI-89600 Suomussalmi
Finland

The product complies with the standard(s): EN 60384-14:2013+A1

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

Date of expiry: 19 January, 2027

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

Signed:  **Date:** 19 January, 2022

Henrik Wikström

APPENDIX: ENEC LICENCE REF NO.SE-ENEC-2200055

Test Report No. 2101841STO-001,-002,-003

Technical Data:

| | |
|----------------------------|--|
| <i>Type designation</i> | PHE820M |
| <i>Rated voltage (V)</i> | 275VAC |
| <i>Frequency (Hz)</i> | 50/60Hz |
| <i>Input</i> | 0.01-2.2uF +-10%, +-20% |
| <i>Class</i> | X2 |
| <i>Trademark</i> | RIFA |
| <i>Product information</i> | 40/100/56/B. Fulfils the standard IEC 60384-14:2013+A1 |

| | |
|----------------------------|--|
| <i>Type designation</i> | PHE820E |
| <i>Rated voltage (V)</i> | 300VAC |
| <i>Frequency (Hz)</i> | 50/60Hz |
| <i>Input</i> | 0.01-2.2uF +-10%, +-20% |
| <i>Class</i> | X2 |
| <i>Trademark</i> | RIFA |
| <i>Product information</i> | 40/100/56/B. Fulfils the standard IEC 60384-14:2013+A1 |

Explanation of type designation PHE820*:

The symbol "*" can be M or E

0.01 - 1uF manufacturing site PT KEMET Electronics Indonesia

0.33 - 2.2uF manufacturing site KEMET Electronics Oy

0.01 - 2.2uF manufacturing site Shanghai Arcotronics Components & Machinerics Co., Ltd

**APPENDIX:
ENEC LICENCE REF NO.SE-ENEC-2200055**

Manufacturing Sites: KEMET Electronics Oy
Siikarannantie 3
FI-89600 Suomussalmi Finland

PT KEMET Electronics Indonesia
Jalan Beringin Lot 325, Batamindo Industrial Park,
29433 Batam Indonesia


Shanghai Arcotronics Components & Machineries Co., Ltd.
No.55 Taifeng Road, 201814 JiaDing District, Anting Town,
Shanghai China

This certificate replaces ENEC certificate SE/0140-12F dated 4 July 2016. A new certificate has been issued due to:
expired valid date, updated standard and extended capacitance range for manufacturing site Shanghai Arcotronics Components & Machineries Co., Ltd.

Certification Body: Intertek Semko AB, Product Certification

Place: Kista - Stockholm

Signed:



Date: 19 January, 2022

Henrik Wikström