



Ref. Certif. No.

**JP-26169-UL**

IEC SYSTEM FOR MUTUAL RECOGNITION OF TEST CERTIFICATES FOR ELECTRICAL EQUIPMENT (IECEE) CB SCHEME

## CB TEST CERTIFICATE

Product

DC-DC Converter

Name and address of the applicant

COSEL CO LTD  
1-6-43 KAMIAKAE-MACHI TOYAMA-SHI TOYAMA 930-0816 JAPAN

Name and address of the manufacturer

COSEL CO LTD  
1-6-43 KAMIAKAE-MACHI TOYAMA-SHI TOYAMA 930-0816 JAPAN

Name and address of the factory

COSEL CO LTD  
1-6-43 KAMIAKAE-MACHI TOYAMA-SHI TOYAMA 930-0816 JAPAN

Note: When more than one factory, please report on page 2

☒ Additional Information on page 2

Ratings and principal characteristics

(Optional)  
MHFS62405:  
<Input rating> 9 – 36 VDC (24 VDC typical), 0.82 A maximum  
(0.31 A at 24 VDC input)  
<Output rating> 5.0 VDC (4.5 – 6.0 VDC), maximum 1.2 A  
(maximum 6 W)  
See General product information for ratings of all models in CBTR.

Trademark (if any)



Customer's Testing Facility (CTF) Stage used

CTF Stage 2

Model / Type Ref.

MHFx6yz (x = S or W, y = 12, 24 or 48, z = 3R3, 05, 09, 12 or 15 (for x = S),  
z = 12 or 15 (for x = W) May be followed by suffix "-#" which can be any  
number 0 to 9 or any letter A to Z or blank, single number, letter or in the  
combination of two or more

Additional information (if necessary may also be reported on page 2)

Additionally evaluated to: EN IEC 62368-1:2020/A11:2020  
National differences specified in the CB Test Report.

☐ Additional Information on page 2

A sample of the product was tested and found to be in conformity with

IEC 62368-1:2018

As shown in the Test Report Ref. No. which forms part of this Certificate

E132067-A6128-CB-1 issued on 2022-05-24

This CB Test Certificate is issued by the National Certification Body



- ☐ UL (US), 333 Pfingsten Rd IL 60062, Northbrook, USA
- ☐ UL (Denko), Borupvang 5A DK-2750 Ballerup, DENMARK
- ☒ UL (JP), Marunouchi Trust Tower Main Building 6F, 1-8-3 Marunouchi, Chiyoda-ku, Tokyo 100-0005, JAPAN
- ☐ UL (CA), 7 Underwriters Road, Toronto, M1R 3B4 Ontario, CANADA

For full legal entity names see [www.ul.com/ncbnames](http://www.ul.com/ncbnames)

Date: 2022-05-25

Signature:

*M. Takagi*  
Masamichi Takagi



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**Factory(ies):**

COSEL CO LTD, TATEYAMA FACTORY  
78 DOGENJI TATEYAMAMACHI NAKANIKAU-GUN TOYAMA 930-0241  
JAPAN

WUXI COSEL ELECTRONICS CO LTD  
5TH FL, BLD A3, NO.866 LIYUAN DEVELOPMENT ZONE WUXI JIANGSU 214072  
CHINA

**Additional information (if necessary)**



- ☐ UL (US), 333 Pfingsten Rd IL 60062, Northbrook, USA
- ☐ UL (Denko), Borupvang 5A DK-2750 Ballerup, DENMARK
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Masamichi Takagi