

## MTTF Certificate

For the electronic products provided by our company, the MTTF values are listed below:

### 1. Reference standard:

We calculate the MTTF value of our electronic products using the special software and the parts count process according to ISO 13849-1 appendix C.5 (ISO13849-1)

### 2. Calculation formulas:

| Calculation formulas                             |                         |
|--------------------------------------------------|-------------------------|
| $MTTF = \frac{1}{\sum_{i=1}^n \frac{1}{MTTF_n}}$ | $MTTF_D = MTTF \cdot 2$ |

### 3. Calculation results:

| Part Number    | Product category    | MTTF     | MTTFd     |
|----------------|---------------------|----------|-----------|
| LKHA-16UP-M12G | electronic products | 65 years | 130 years |

### Company name:

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