

## 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 ISO 13849-1 appendix C.5  
( ISO13849-1 )

### 2. Calculation formulas:

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

### 3. Calculation results:

Part Number	Product category	MTTF	MTTFd
LKHA-1600N-QA	electronic products	98 years	196 years

### Company name:

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<http://www.elco-holding.com.cn> (Chinese)

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