

## 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-16UN-M12	electronic products	81 years	162 years

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