

# KCseries

Microfuses Compliant with RoHS2

Concept  
Model



- It realizes fast acting and high voltage rating of 450V DC being micro size type that each side of body is 10mm or less.
- It can be assembled to the PCB by reflow soldering.
- Eco-Friendly products being in compliance with RoHS2. It does not contain red phosphorus.
- It is Halogen free product.

※ Neither bromine(Br) nor chlorine(Cl) is intentionally added, and each substance is not contained in excess of 900ppm at maximum.

Moreover, total amount of those substances(Br and Cl) are contained less than 1500ppm.

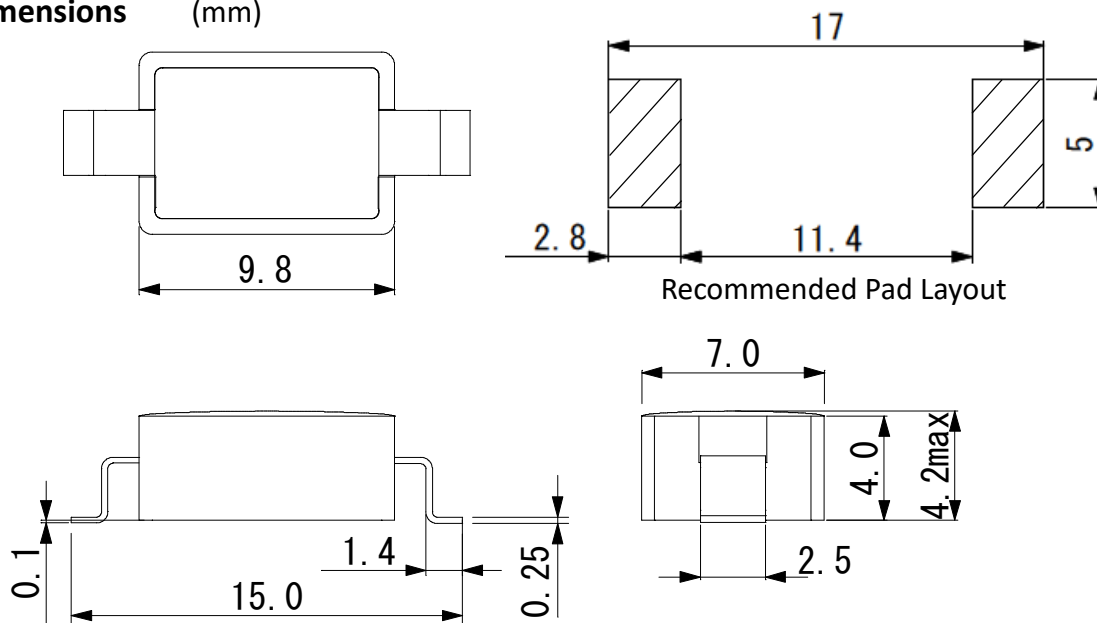
## Rating

Type No.	Rated current ※1 (A)	Rated voltage (V)	Interrupting rating
KC20	2	DC550	50A / DC550V
KC32	3.15	DC450	50A / DC450V
KC40	4		
KC50	5		
KC63	6.3	DC400	50A / DC400V

※ 1 Please use KC series in accordance with Temperature Derating Characteristics if ambient temperature exceeds 30°C.

- Operating Temperature Range : -40~125°C

## Dimensions (mm)



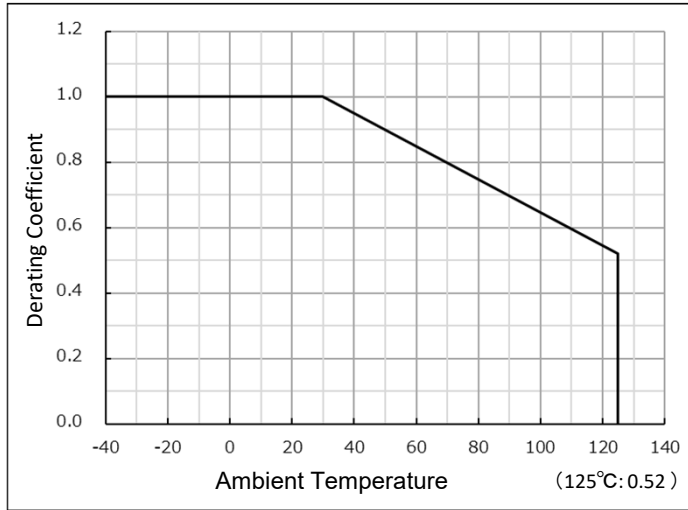
## Safety standard information

Expected

UL , C-UL

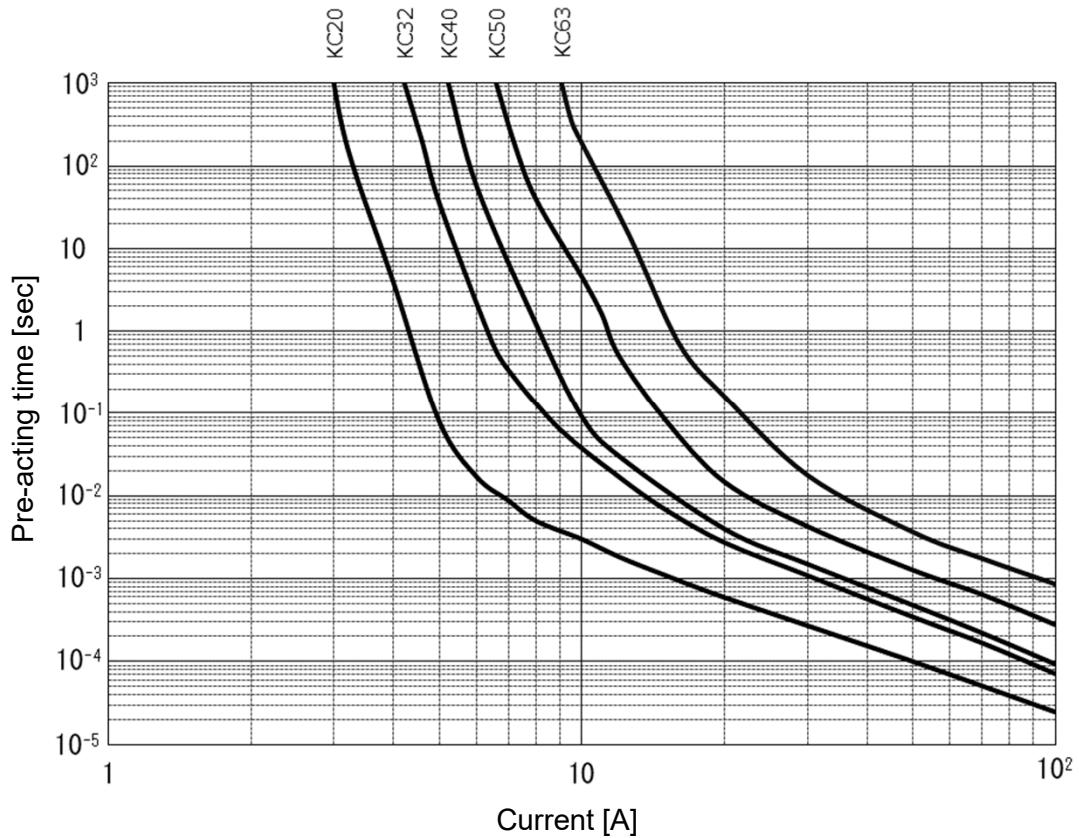
■ Derating characteristics

Stationary Derating Coefficient : 0.7



Temperature Derating Characteristics

■ I-T Characteristics 25±5°C (reference)



Remark · Please note that above mentioned specification are based on prototype and are subject to change without any notice.

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