

# 500VSK / VSH / ESK / ESH

## FEATURES

Compact size enables smaller printed board use for servo, power conditioners and inverters.

Power semiconductor breakage may lead to a circuit burnout with fuses that cut-off slowly.

This fuse is

- Fast acting and durable
- Useable with both AC and DC
- Compact body size with  $\Phi 6.6 \times 25\text{mm}$  at 500V-40A rating

## RATING

Rated voltage and blocking capacity : AC450V-10kA

DC500V-1kA(Resistance circuit)

DC450V-10kA(L/R=1ms)

Minimum block-off current : 2 times the rated amperage.

(conditions:DC450V L/R=0.1ms)

< ESK / ESH > ※ 1 ※ 2

Rated voltage and blocking capacity : DC500V-1kA(Resistance circuit)

DC450V-10kA(L/R=1ms)

Minimum block-off current : 5 times the rated amperage.



500VSH/ESH



500VSK/ESK

※ 1 VSK·ESK: Board soldered type, VSH·ESH: Screwed type

## UL/cUL standard approved rating

Rated voltage and blocking capacity:AC/DC 450V



## CCC standard approved rating

Rated voltage and blocking capacity:AC400V DC350V

## CAUTION!

- Read "FOR SAFE USE" and "PROTECT FUSE USER'S GUIDE" at the back of this catalog before use.

## Specifications

Type	Rated Amperage (A)	Fusing I <sup>2</sup> t (A <sup>2</sup> s)	Shutdown I <sup>2</sup> t (A <sup>2</sup> s)	Power Loss (W)	Weight (g)	Standard Approved
500VSH10 500VSK10	10	49	110	1.0	<VSH/ESH> 3.9	  ※
500VSH20 500VSK20	20	125	280	4.5		
500VSH36 500VSK36	36	400	900	10.0	<VSK/ESK> 2.7	
500ESH40 500ESK40	40	1380	3000	6.0		—

## Dimensions

Fig 1  
500VSH/ESH

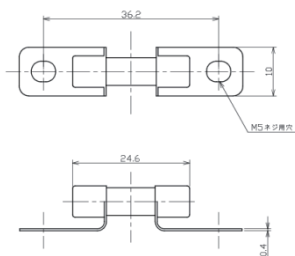
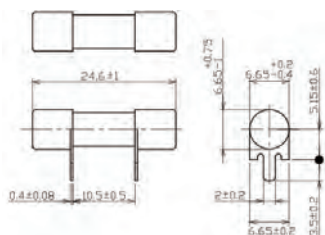


Fig 2  
500VSK/ESK



## Fusing Characteristics

