

# High Speed Semiconductor Fuses

## ESA Series

### Volts-150VDC

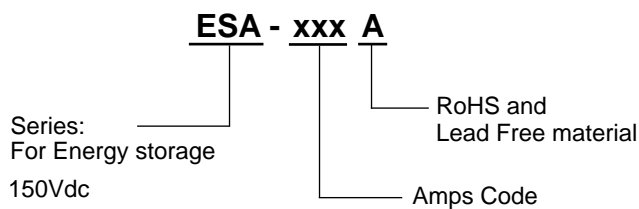
### Description

- High-speed protection fuses
- Small footprint reduces panel size
- Stud-mount, optional for other installation
- Excellent DC performance
- Low watts loss
- Low arc voltage and low energy let-through ( $I^2t$ )

### Applications

- Inverters
- AD/DC drives
- General purpose fuse for EV/HEV
- Reduced voltage starters
- Electric vehicle charging column
- Energy storage device

### Part Numbering System



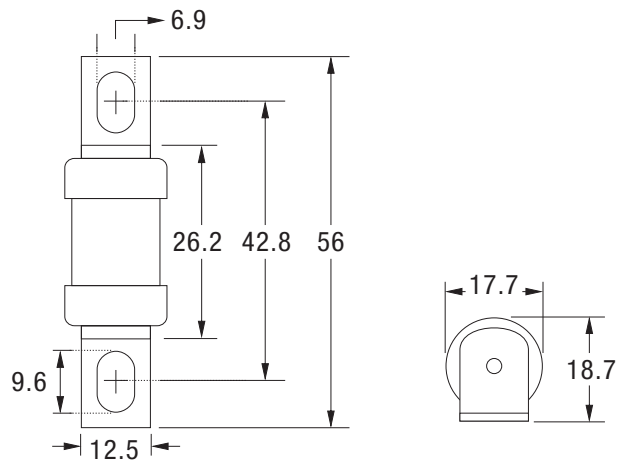
### Specifications



Part Number	Rated Current (Amp)	$I^2t$ (A <sup>2</sup> S)		Power Loss (W)
		Melting Pre-arc	Clearing at 150VDC	
ESA-63A	63	305	2100	7.2
ESA-80A	80	604	4100	9.4
ESA-100A	100	1100	6908	10.5
ESA-150A	150	1876	11952	15.9
ESA-200A	200	3101	22213	18.7

- Interrupting rating 20kA
- Watts loss at 100% rated current

**Dimension (Unit/mm)**



**Time-Curren Curve**

