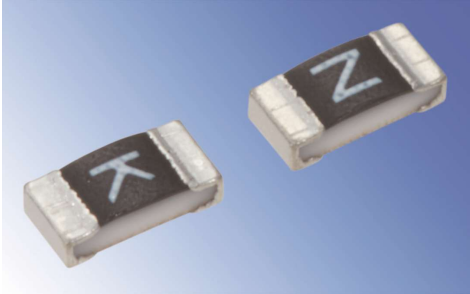


# 0.4A – 3.15A Automotive Qualified Chip Current Fuses, 0603 Inch



## TF16VN\_D Series



KOA now releases the automotive qualified type chip current fuse TF16VN\_D-series for the secondary circuit with high rated voltage.

The new TF16VN\_D in 0603 size now provides high rated voltage from DC50V to DC125V – compared to conventional DC32V.

Fuses in this series open within 5 sec at 250 % rated current at +25 °C. Rated currents range from 0.4 A to 3.15 A.

### ■ Features

- Small and light chip current fuse for secondary circuit use
- 0603 Inch size
- Temperature cycle (-55 °C ~ +125 °C), 1000 cycles
- Rated voltage up to 125 VDC **NEW**
- Performance is confirmed with equivalent tests to AEC-Q200
- Suitable for reflow soldering
- Products meet EU-RoHS requirements

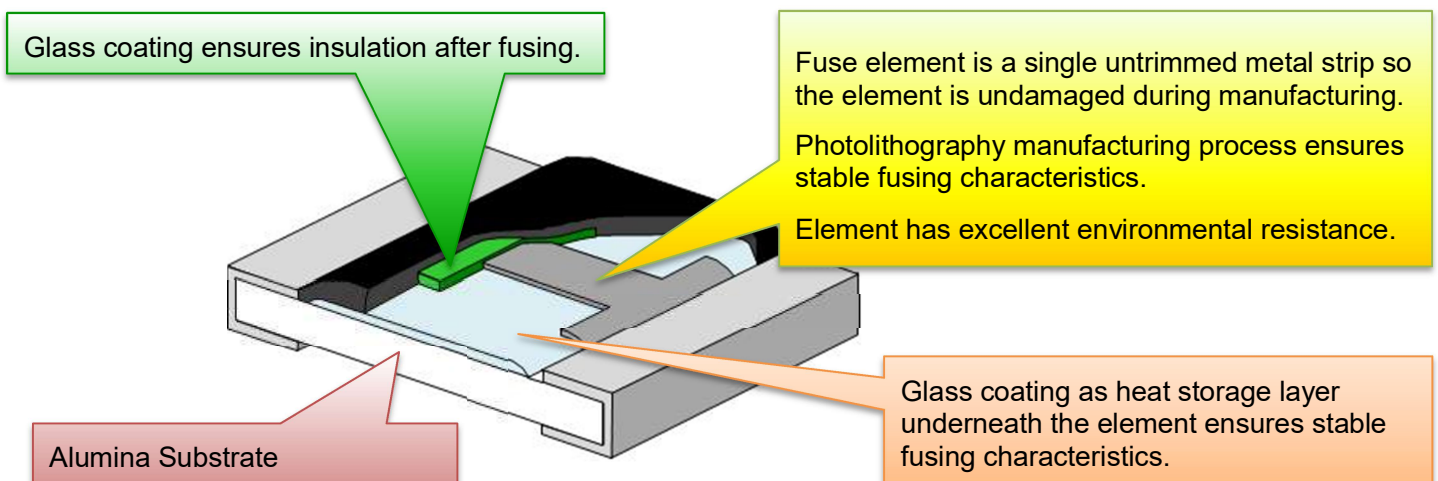
### ■ Ratings

Type	Rated Current	Fusing Time (at 25 °C)	Internal R (max.)	Rated Voltage
TF16VN 0.40D	0.40 A	Open within 5sec at 250% rated current (Refer to fusing characteristics graph)	760 mΩ	125 VDC
TF16VN 0.50D	0.50 A		520 mΩ	
TF16VN 0.63D	0.63 A		370 mΩ	<b>NEW</b>
TF16VN 0.80D	0.80 A		200 mΩ	70 VDC
TF16VN 1.00D	1.00 A		160 mΩ	
TF16VN 1.25D	1.25 A		130 mΩ	
TF16VN 1.60D	1.60 A		100 mΩ	
TF16VN 2.00D	2.00 A		80 mΩ	
TF16VN 2.50D	2.50 A		60 mΩ	50 VDC
TF16VN 3.15D	3.15 A		40 mΩ	

### ■ Application Examples

- Overcurrent protection of automotive electronic devices

### ■ Construction



### ■ Datasheet



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