



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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FKS ATO® STYLE BLADE FUSE RATED 80V



Specifications

Interrupting Rating:	1000 A @ 80 VDC
Insulating Body:	Out of thermoplastic (UL 94-V0, heat-resistant)
Cover:	Out of thermoplastic (UL 94-V0, heat-resistant) Red, not transparent
Terminals:	Blade contacts Copper alloy, gal. Sn plated Edge-protected
Complies with:	UL 248 Special Purpose Fuses
cULus Recognized:	File No. E10480

Ordering Information

Part Number	Package Size
166.7000.xxx2	500
166.7000.xxx6	100










Description

The FKS-80 is an ATO® style blade fuse rated at 80V, featuring a three part construction with copper contacts for excellent reliability in harsh environment conditions and low voltage drop. Current ratings 3A thru 30A. Filled with arc-quenching material.

Time-Current Characteristics

% of Rating	Opening Time Min / Max (s)
110	360,000 s / -
150	0.500 s / 300 s
200	0.150 s / 20 s
350	0.040 s / 0.500 s
600	0.020 s / 0.100 s

Ratings

Part Number	Current Rating	Housing Color	Typ. Voltage Drop	Cold Resistance	I ² t
166.7000.430_	3 A		145 mV	39.0 mΩ	8.10 A ² s
166.7000.440_	4 A		140 mV	29.0 mΩ	14.4 A ² s
166.7000.450_	5 A		140 mV	20.6 mΩ	24.3 A ² s
166.7000.475_	7.5 A		120 mV	11.5 mΩ	44.5 A ² s
166.7000.510_	10 A		110 mV	7.90 mΩ	86.4 A ² s
166.7000.515_	15 A		110 mV	4.60 mΩ	162 A ² s
166.7000.520_	20 A		110 mV	3.30 mΩ	475 A ² s
166.7000.525_	25 A		105 mV	2.27 mΩ	950 A ² s
166.7000.530_	30 A		100 mV	1.79 mΩ	1,500 A ² s

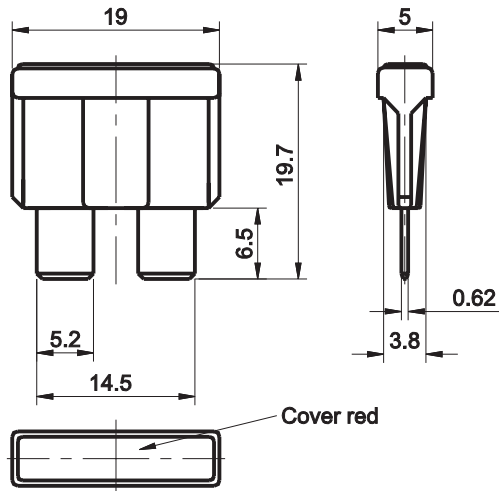
Corresponding holder see Section "Fuse Holders."

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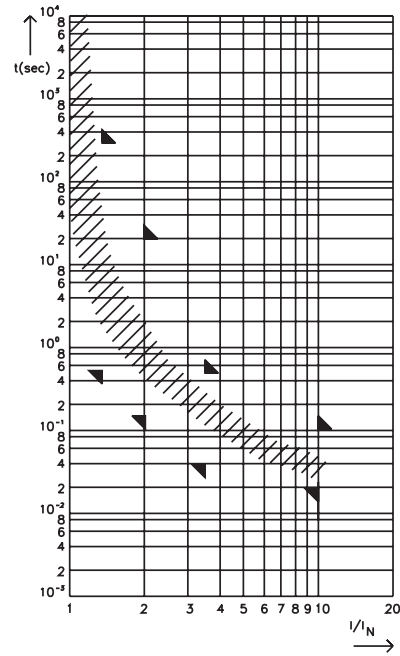


Dimensions

Dimensions in mm



Pre-Arcing Time-Limits



FI = 1.43 (max. operating current: 0.7 × I_{rat} at 23°C)