



# CONQUER Electronic Fuses

## Type AFE/AGE AFP/AGP

6.3ØX32mm

RoHS

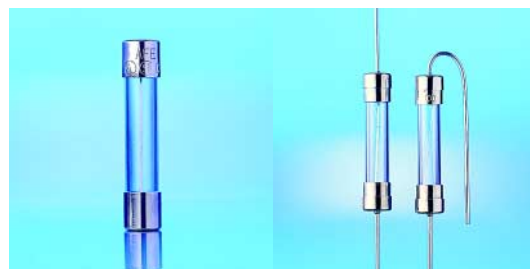


Fast Acting Glass Tube Fuse Series



AFE/AGE

AFP/AGP-A



### Approvals

#### AFE/AGE

UL Listed 10mA~10A  
UL Recognized 12A~30A  
CSA Certified 10mA~30A  
MITI 1A~15A

#### AFP/AGP (With Pig-Tail)

UL Listed 10mA~10A  
CSA Certified 10mA~10A  
MITI 1A~10A

### Electrical Characteristics

Rated Current	1 In	1.35In	2 In
	MIN	MAX	MAX
10mA~30A	4 Hrs.	1 hr	5 Sec
Above 30A	4 Hrs.	1 hr	120 Sec

### Interrupting Ratings

10mA~10A: 10,000 amperes at 125V AC  
10mA~1A: 35 amperes at 250V AC  
1.2A~3.5A: 100 amperes at 250V AC  
3.75A~10A: 200 amperes at 250V AC  
12A~30A: 300 amperes at 32V AC

### Operating Temperature

-55°C to +125°C

### Physical Specification

#### Materials

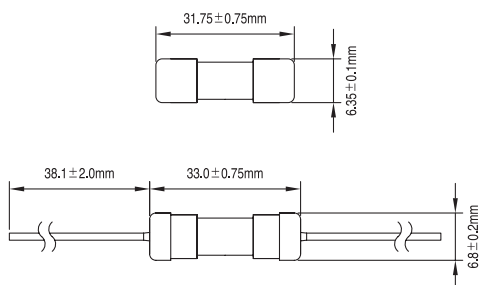
Glass body / Nickel Plated Brass Caps  
Lead Wire:  
Diameter Ø0.8 mm 12A and less.  
Diameter Ø1.0 mm for rating above 13A to 19A.  
Diameter Ø1.2 mm for rating above 20A.

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#### Packaging

In Bulk:  
AFE/AGE-500 pcs ; AFP/AGP-250 pcs per box.

### Mechanical Dimensions



Cartridge Catalog Number	Axial Lead Catalog Number	Ampere Rating [In]	Voltage Rating (V)	Nominal Resistance Cold Ohms	Nominal Melting I <sup>2</sup> t A <sup>2</sup> Sec
AFE/AGE .010	AFP/AGP .010	10 mA	250V	*	*
AFE/AGE .020	AFP/AGP .020	20 mA		*	*
AFE/AGE .030	AFP/AGP .030	30 mA		*	*
AFE/AGE .032	AFP/AGP .032	32 mA(1/32A)		*	*
AFE/AGE .040	AFP/AGP .040	40 mA		*	*
AFE/AGE .050	AFP/AGP .050	50 mA		*	*
AFE/AGE .060	AFP/AGP .060	60 mA		*	*
AFE/AGE .063	AFP/AGP .063	63 mA		*	*
AFE/AGE .070	AFP/AGP .070	70 mA		*	*
AFE/AGE .080	AFP/AGP .080	80 mA		*	*
AFE/AGE .100	AFP/AGP .100	100 mA		14.600	0.00200
AFE/AGE .125	AFP/AGP .125	125 mA		10.200	0.00312
AFE/AGE .150	AFP/AGP .150	150 mA		7.7000	0.00450
AFE/AGE .160	AFP/AGP .160	160 mA		7.0000	0.00512
AFE/AGE .200	AFP/AGP .200	200 mA		6.0000	0.00800
AFE/AGE .250	AFP/AGP .250	250 mA		3.3500	0.01250
AFE/AGE .300	AFP/AGP .300	300 mA		2.8000	0.01800
AFE/AGE .315	AFP/AGP .315	315 mA		2.3000	0.01984
AFE/AGE .350	AFP/AGP .350	350 mA		2.0000	0.02450
AFE/AGE .375	AFP/AGP .375	375 mA		1.6500	0.02812
AFE/AGE .400	AFP/AGP .400	400 mA		1.4000	0.03200
AFE/AGE .500	AFP/AGP .500	500 mA		0.6120	0.07500
AFE/AGE .600	AFP/AGP .600	600 mA		0.4740	0.10800
AFE/AGE .630	AFP/AGP .630	630 mA		0.3850	0.11900
AFE/AGE .700	AFP/AGP .700	700 mA		0.3500	0.14700
AFE/AGE .750	AFP/AGP .750	750 mA		0.3200	0.16870
AFE/AGE .800	AFP/AGP .800	800 mA		0.2910	0.19200
AFE/AGE 001	AFP/AGP 001	1 A		0.2060	0.40000
AFE/AGE 1.20	AFP/AGP 1.20	1.2 A		0.1560	0.57600
AFE/AGE 1.50	AFP/AGP 1.50	1.5 A		0.1020	0.90000
AFE/AGE 1.60	AFP/AGP 1.60	1.6 A	0.1000	1.02400	
AFE/AGE 002	AFP/AGP 002	2 A	0.0747	2.00000	
AFE/AGE 2.50	AFP/AGP 2.50	2.5 A	0.0526	5.00000	
AFE/AGE 003	AFP/AGP 003	3 A	0.0419	9.00000	
AFE/AGE 3.15	AFP/AGP 3.15	3.15 A	0.0382	14.8830	
AFE/AGE 3.20	AFP/AGP 3.20	3.2 A	0.0375	15.3600	
AFE/AGE 3.50	AFP/AGP 3.50	3.5 A	0.0348	24.5000	
AFE/AGE 004	AFP/AGP 004	4 A	0.0295	32.0000	
AFE/AGE 4.50	AFP/AGP 4.50	4.5 A	0.0262	40.5000	
AFE/AGE 005	AFP/AGP 005	5 A	0.0221	62.5000	
AFE/AGE 006	AFP/AGP 006	6 A	0.0183	90.0000	
AFE/AGE 6.30	AFP/AGP 6.30	6.3 A	0.0160	105.625	
AFE/AGE 007	AFP/AGP 007	7 A	0.0155	122.500	
AFE/AGE 7.50	AFP/AGP 7.50	7.5 A	0.0139	140.625	
AFE/AGE 008	AFP/AGP 008	8 A	0.0131	160.000	
AFE/AGE 010	AFP/AGP 010	10 A	0.0104	300.000	
AFE/AGE 012	AFP/AGP 012	12 A	0.0080	432.000	
AFE/AGE 013	AFP/AGP 013	13 A	0.0071	591.000	
AFE/AGE 015	AFP/AGP 015	15 A	0.0062	787.500	
AFE/AGE 016	AFP/AGP 016	16 A	0.0056	1024.000	
AFE/AGE 018	AFP/AGP 018	18 A	0.0052	1296.000	
AFE/AGE 020	AFP/AGP 020	20 A	0.0044	2000.000	
AFE/AGE 025	AFP/AGP 025	25 A	0.0031	3750.000	
AFE/AGE 030	AFP/AGP 030	30 A	0.0026	5400.000	

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