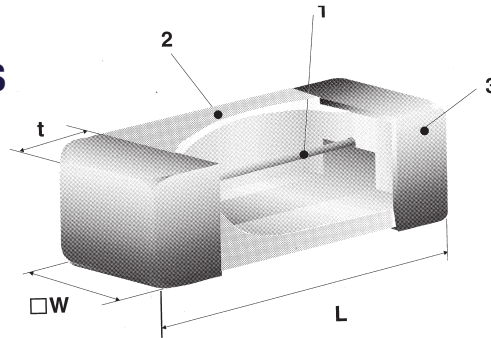
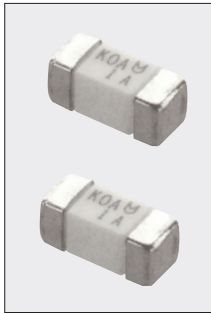


CIRCUIT PROTECTORS UNIVERSAL MODULAR FUSE-LINKS CCF-UM



STRUCTURE

- 1 Fuse elements
- 2 Fuse body
- 3 Electrode (Cu solder plated)

All these products have
Pb-free terminations and meet
EU-RoHS and China-RoHS requirements

IDENTIFICATION

TYPE	COATING COLOR	MARKING
CCF 1 F	White	Black, rated current

DIMENSIONS (mm)

TYPE	L	□ W	t
CCF 1 F	6.0 ± 0.2	2.5 ± 0.2	1.4 ± 0.2

TYPE DESIGNATION (HOW TO ORDER)

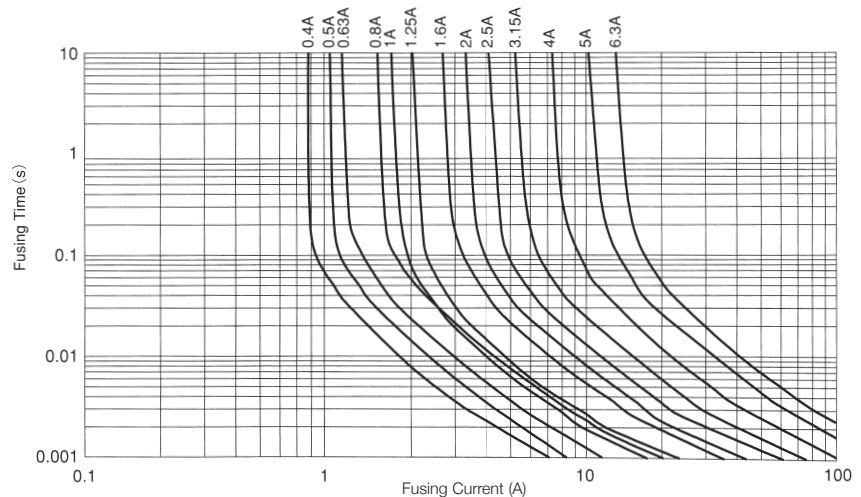
CCF	1	F	1.25	UM	T	TE	Contact us when you have control request for environmental hazardous material other than the substance specified by EU-RoHS
PRODUCT CODE	STYE	FUSING CHARACTERISTICS F: Fast acting	RATED CURRENT Normal value	RATED VOLTAGE (IEC) UM: 125V a.c. /125V d.c.	TERMINATION SURFACE MATERIAL T: Sn	TAPING* TE, BK	

*Please see "PACKAGING"

FEATURES

- Meets IEC60127-4: 2005 Ed.3 specifications
- Excellent mechanical strength with ceramic body
- Superior anti-surge characteristics
- Excellent mountability and solderability
- Stable fusing characteristics due to the original technology
- Ideal for use in power supplies for notebook PC's, LCD inverters and illumination inverters
- Also suitable for use in copying machines, laser beam printers and industrial equipment
- Operating temperature range: -55°C...+125°C
- Suitable for reflow and wave soldering
- Awarded approvals:
IEC60127-4: 2005 3rd Edition part 4
Universal modular fuse-links
Standard sheet 2

FUSING CHARACTERISTICS



RATING

TYPE	RATED CURRENT	RATED VOLTAGE*	INTERRUPTING CAPACITY	FUSING CHARACTERISTICS		INTERNAL RES. (MAX.)	NORMAL MELTING I ² t (A ² · s)	VOLTAGE DROP (MAX.)	SUBSTAINED DISSIPATION (MAX.)
				RATED CURRENT	FUSING TIME				
CCF 1F 0.4	400 mA	AC 125V DC 125V	AC 125V 50A AC 125V 50A	125%	1h Min.	510 mΩ	0.030	700 mV	500 mV
CCF 1F 0.5	500 mA					390 mΩ	0.052	600 mV	
CCF 1F 0.63	630 mA					250 mΩ	0.087	500 mV	
CCF 1F 0.8	800 mA					200 mΩ	0.185	400 mV	
CCF 1F 1	1 A					90.4 mΩ	0.156	300 mV	
CCF 1F 1.25	1.25 A					75.9 mΩ	0.22		
CCF 1F 1.6	1.6 A					59.3 mΩ	0.513		
CCF 1F 2	2 A					42.9 mΩ	0.814		
CCF 1F 2.5	2.5 A					36.6 mΩ	1.31		
CCF 1F 3.15	3.15 A					26.0 mΩ	2.37		
CCF 1F 4	4 A					20.1 mΩ	3.85		
CCF 1F 5	5 A					13.2 mΩ	7.78		
CCF 1F 6.3	6.3 A					8.2 mΩ	16.9		
				1200 mV					
				1500 mV					
				2000 mV					
				2500 mV					
				3000 mV					

* Deratings:

- Normal derating: Normal derating of this product should be 0.7max. as standards.
- Derating by ambient temperatures: When using the products at an temperature other than normal temperature (25°C ±5°C), temperature adjustment will be required (please contact KOA for the derating coefficient diagram).

Please contact KOA for special precautions before you order and use this series.