

Model No.

FCL10-*, FCL16-***, FCL20-*****



Features

Suitable for circuit protection in small electronic devices.

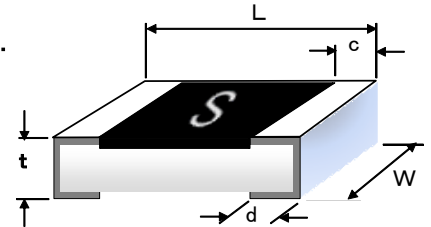
Features **fast-acting Chip Fuse** design based on our proprietary structure.

Our proprietary manufacturing process **provides excellent pulse resistance characteristics.**

• No smoke or fire upon blowing.

• UL-248.14, c-UL(CSA)-C22.2 248-14 certified.

• Compliant with European RoHS Compliance.



Dimensions

(Unit: mm)

Model	L	W	t	c	d
FCL10-***	1.00±0.10	0.50±0.05	0.34±0.05	0.20±0.10	0.25±0.10
FCL16-***	1.60±0.15	0.80+0.20/-0.10	0.50+0.15/-0.10	0.25±0.20	0.25±0.20
FCL20-***	2.00+0.20/-0.10	1.25+0.20/-0.10	0.45±0.05	0.25+0.10/-0.15	0.25+0.10/-0.15

Part Number Structure

FCL10 - 201 V
 ① ② ③

①型名

Model No.	Size
FCL10	1005
FCL16	1608
FCL20	2012

②定格電流

Marking	Current(A)
201	0.200
251	0.250
321	0.315
351	0.350
381	0.375
401	0.400
501	0.500
631	0.630
751	0.750
801	0.800
102	1.000
132	1.250
142	1.400
152	1.500
162	1.600
202	2.000
252	2.500
302	3.000
322	3.150
402	4.000
502	5.000

③梱包形態

Code	Packaging
V	Paper taping
B	Bulk

Specifications

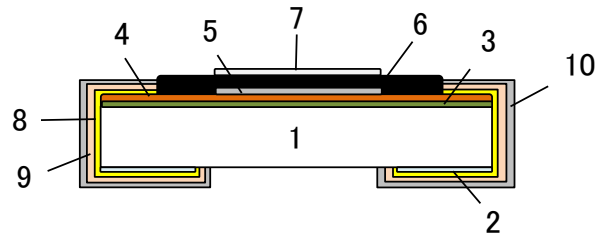
Model	Imprint Marking	Rated Current A	Internal Resistance mΩ (Max)	Rated Voltage VDC	Breaking Current A	Fusing Performance	Operating Temperature Range
FCL10-201	C	0.200	1990	24	50	Rated current × 200% Blows within 5 seconds	-55°C~125°C
FCL10-251	D	0.250	1350				
FCL10-321	E	0.315	850				
FCL10-351	F	0.350	650				
FCL10-381	G	0.375	590				
FCL10-401	H	0.400	530				
FCL10-501	K	0.500	320				
FCL10-631	L	0.630	220				
FCL10-751	M	0.750	181				
FCL10-801	N	0.800	135				
FCL10-102	P	1.000	115				
FCL10-132	R	1.250	100				
FCL10-142	4	1.400	90				
FCL10-152	S	1.500	85				
FCL10-162	U	1.600	58				
FCL10-202	X	2.000	42				
FCL10-252	Y	2.500	35				
FCL10-302	Z	3.000	27				
FCL10-322	3	3.150	25				

*Design and specifications are subject to change without notice. Please confirm before purchase and use.

Model	Imprint Marking	Rated Current A	Internal Resistance mΩ(Max)	Rated Voltage VDC	Breaking Current A	Fusing Performance	Operating Temperature Range
FCL16-201	C	0.200	1990	50	50	Rated current × 200% Blows within 5 seconds	-55°C~125°C
FCL16-251	D	0.250	1350				
FCL16-321	E	0.315	850				
FCL16-351	F	0.350	650				
FCL16-381	G	0.375	590				
FCL16-401	H	0.400	530				
FCL16-501	K	0.500	320				
FCL16-631	L	0.630	220	32	50	Rated current × 200% Blows within 5 seconds	-55°C~125°C
FCL16-751	M	0.750	181				
FCL16-801	N	0.800	135				
FCL16-102	P	1.000	115				
FCL16-132	R	1.250	100				
FCL16-142	14	1.400	90				
FCL16-152	S	1.500	85				
FCL16-162	U	1.600	58				
FCL16-202	X	2.000	42				
FCL16-252	Y	2.500	35				
FCL16-302	Z	3.000	27				
FCL16-322	3	3.150	25				
FCL16-402	4	4.000	17				
FCL16-502	5	5.000	12				
FCL20-201	201	0.200	1990	50	50	Rated current × 200% Blows within 5 seconds	-55°C~125°C
FCL20-251	251	0.250	1250				
FCL20-321	321	0.315	850				
FCL20-401	401	0.400	530				
FCL20-501	501	0.500	320				
FCL20-631	631	0.630	220				
FCL20-801	801	0.800	135				
FCL20-102	102	1.000	115				
FCL20-132	132	1.250	95				
FCL20-142	142	1.400	90				
FCL20-162	162	1.600	58				
FCL20-202	202	2.000	42				
FCL20-252	252	2.500	35				
FCL20-322	322	3.150	25	32	50	Rated current × 200% Blows within 5 seconds	-55°C~125°C
FCL20-402	402	4.000	17				
FCL20-502	502	5.000	12				

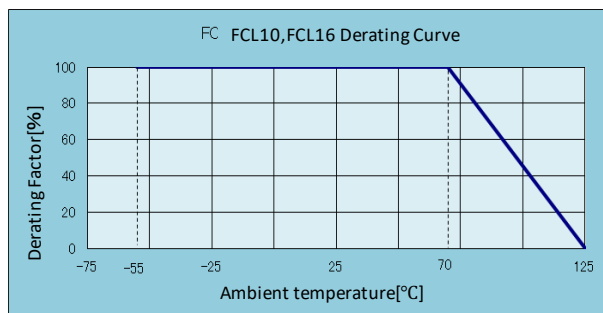
Construction

No.	Component Name
1	Ceramic Substrate
2	Back Electrode
3	Undercoat
4	Fuse Element I
5	Fuse Element II
6	Protective coat
7	Marking
8	Side Electrode
9	Ni Plating
10	Sn Plating



Power rating

When used at ambient temperatures of 70° or higher, reduce the Rated Current according to the derating curve shown on the right.



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