

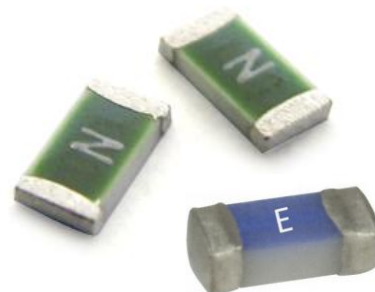
0603 Fast Acting SMD Fuses

06 100 Series



Description

06 100 Series are the fuses set the industry standard for performance, reliability and quality. The solder-free design provides excellent on-off and temperature cycling characteristics during use and also makes our SMD fuses more heat and shock tolerant than typical subminiature fuses.



Electrical Characteristics		
Rated Current	1.0In	2.0In
250mA~8A	4 hour minimum	60 sec maximum

Features

- High inrush current withstanding capability
- Compatible with reflow and wave solder
- Excellent environmental integrity
- One time positive disconnect
- Lead Free and Halogen free material

Specifications

Specification								
Part No.	Rated Voltage		Rated Current (A)	Breaking Capacity (A) ₁	Typical Cold Resistance (mOhms) ²	Typical Voltage Drop (mV)	Typical Pre-Arcing I ² t (A ² Sec) ³	Alpha Mark
	DC							
06 100.0.25	63V		0.250	50A	3250	893	0.00042	D
06 100.0.375			0.375	50A	1310	587	0.00093	E
06 100.0.5			0.500	50A	1070	582	0.0020	F
06 100.0.75			0.750	50A	470	427	0.0092	G
06 100.1			1	50A	300	345	0.011	B
06 100.1.5	32V		1.5	50A	150	270	0.045	H
06 100.2			2	50A	72	160	0.115	K
06 100.2.5			2.5	50A	52	145	0.14	L
06 100.3			3	50A	35	130	0.21	O
06 100.3.5			3.5	50A	23.8	130	0.55	R
06 100.4			4	50A	21	120	0.52	S
06 100.5			5	50A	14	110	1.2	T
06 100.6			6	50A	8	110	1.7	V
06 100.7	-		7	50A	5.6	80	2.3	X
06 100.8			8	50A	3.5	75	3.0	Z

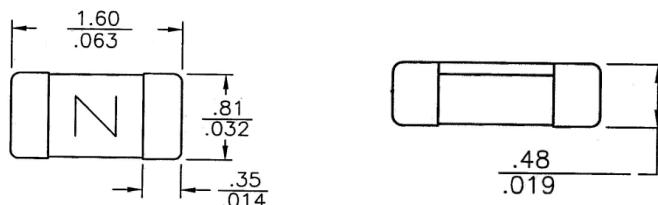
* DC Interrupting Rating (Measured at rated voltage, time constant of less than 50 microseconds, battery source)

* DC Cold Resistance are measured at <10% of rated current in ambient temperature of 25degrees

* Typical Pre-arching I²t are measured at 10In Current

** For 1A-5A, the color of glass coating is Green; for others, it's Blue.

Dimension Drawing not to scale (Unit: mm/inch)



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