

0603 Fast Acting SMD Fuses

06.000 Series



Description

06.000 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							
06.000.0.25	63V		0.250	50A	3250	893	0.00042	D
06.000.0.375			0.375	50A	1310	587	0.00093	E
06.000.0.5			0.500	50A	1070	582	0.0020	F
06.000.0.75			0.750	50A	470	427	0.0092	G
06.000.1			1	50A	300	295	0.011	B
06.000.1.5			1.5	50A	150	220	0.045	H
06.000.2	32V		2	50A	72	160	0.115	K
06.000.2.5			2.5	50A	52	145	0.14	L
06.000.3			3	50A	35	130	0.21	O
06.000.3.5			3.5	50A	23.8	130	0.55	R
06.000.4			4	50A	21	120	0.52	S
06.000.5			5	50A	14	110	1.20	T
06.000.6			6	50A	8	110	1.70	V
06.000.7			7	50A	5.6	80	2.30	X
06.000.8	-		8	50A	3.5	75	3.00	Z

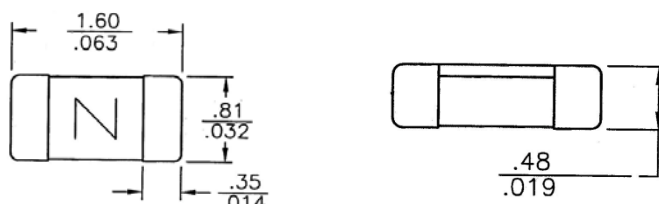
* DC Interrupting Rating (Measured at rated voltage, time constant of less than 50 microseconds, battery source)

* 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 fuse 1A-5A, the color of glass coating is Green; For others, its Blue.

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



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