

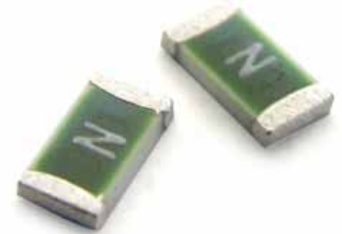
0603 Fast Acting SMD Fuses

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	257.5	295	0.018	B		
06.100.1.5			1.5	50A	137.5	220	0.065	H		
06.100.2			32V		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	1.70	T		
06.100.6	6	50A			8	110	2.30	V		
06.100.7	7	50A			5.6	80	2.8	X		
06.100.8	-	8	50A	3.5	75	4.96	Z			

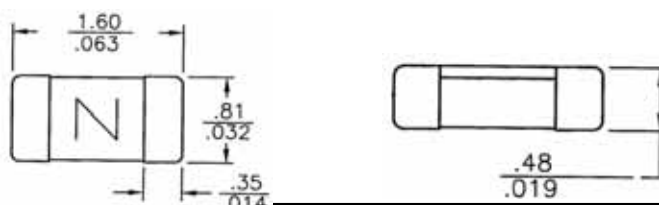
* DC Interrupting Rating (Measured at rated voltage, time constant of less than 50 microseconds, battery source)

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

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

** For fuse below 1A, the color of glass coating is Blue; for 1A and above, it's Green.

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



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