

SolidMatrix® Automotive Surface Mount Fuses

QF0603G Series

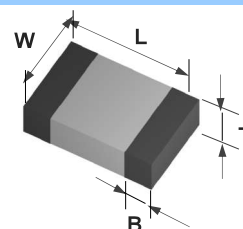


Agency Approval:

Agency	File NO.
UL	E232989

Shape and Dimensions:

Unit	Inch	mm
L	0.063 ± 0.006	1.60 ± 0.15
W	0.031 ± 0.006	0.80 ± 0.15
T	0.031 ± 0.006	0.80 ± 0.15
B	0.014 ± 0.006	0.36 ± 0.15



Clearing Time Characteristics:

% of current rating	Clearing time at 25°C	
	Min.	Max.
100%	4 hours	
250%		5 seconds

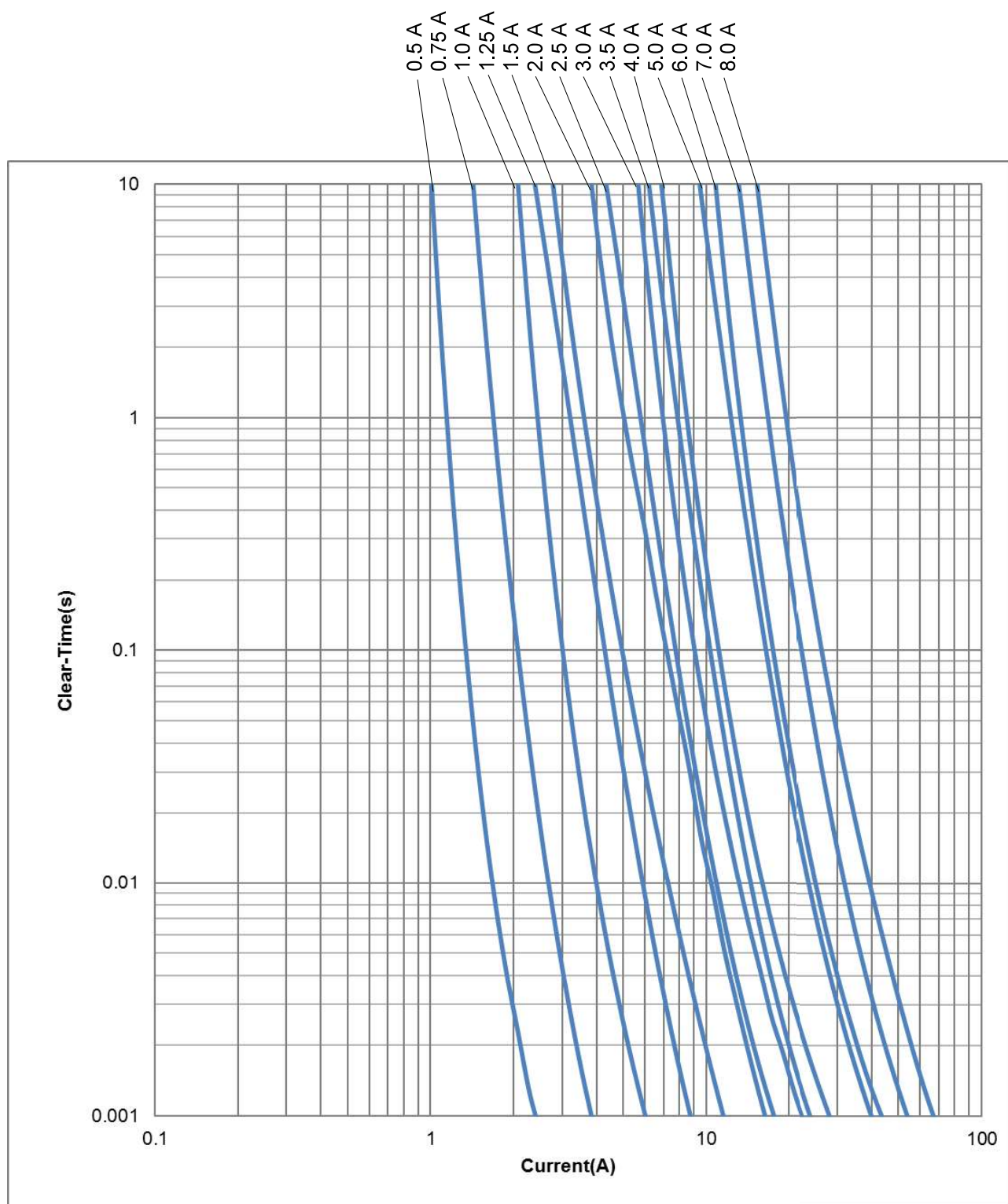
Ordering Information:

Part Number	Current Rating (A)	Voltage Rating (VDC)	Interrupting Ratings	Nominal Cold DCR (Ω) ¹	Nominal I ² t (A ² s) ²	Marking Code ³
QF0603GA500T	0.5	65	50A @ 65VDC	0.827	0.004	C
QF0603GA750T	0.75			0.373	0.012	D
QF0603G1A00T	1.0			0.237	0.030	E
QF0603G1A25T	1.25			0.153	0.065	F
QF0603G1A50T	1.5			0.116	0.10	G
QF0603G2A00T	2.0	35	50A @ 35VDC	0.067	0.18	I
QF0603G2A50T	2.5			0.039	0.22	J
QF0603G3A00T	3.0			0.029	0.34	K
QF0603G3A50T	3.5			0.024	0.39	L
QF0603G4A00T	4.0			0.020	0.53	M
QF0603G5A00T	5.0			0.012	0.88	N
QF0603G6A00T	6.0			0.011	1.09	O
QF0603G7A00T	7.0	24	80A @ 24VDC	0.008	1.86	P
QF0603G8A00T	8.0			0.007	2.7	R

1. Measured at ≤10% of rated current and 25°C ambient.
2. Melting I²t at 0.001 second pre-arcing time.
3. Cyan marking character code.

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Average Pre-arcing Time Curves:



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Average I^2t vs. t Curves:

