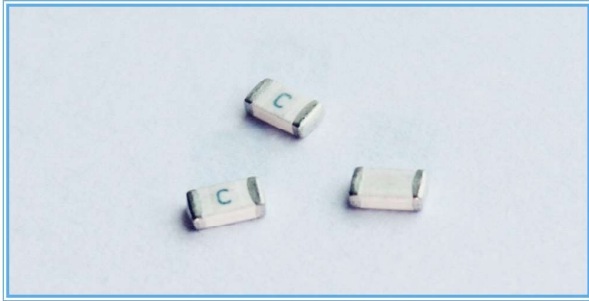


# SolidMatrix<sup>®</sup> Automotive Surface Mount Fuses

## QF1206G Series

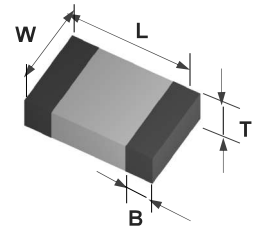


### Agency Approval:

Agency	File NO.
UL	E232989

### Shape and Dimensions:

Unit	Inch	mm
L	0.126 ± 0.008	3.20 ± 0.20
W	0.063 ± 0.008	1.60 ± 0.20
T	0.033 ± 0.008	0.85 ± 0.20
B	0.020 ± 0.010	0.51 ± 0.25



### Clearing Time Characteristics:

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

### Ordering Information:

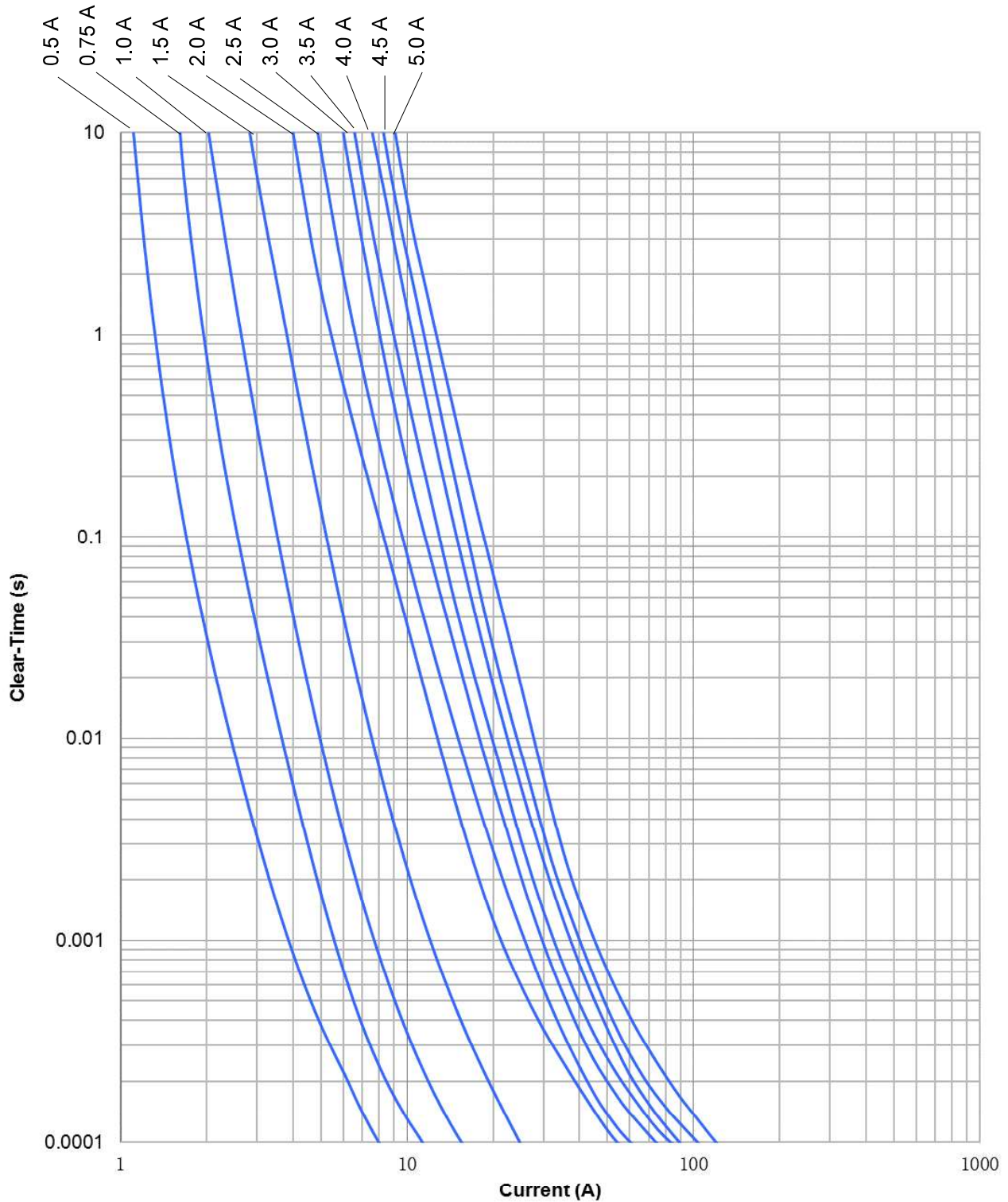
Part Number	Current Rating (A)	Voltage Rating (VDC)	Interrupting Ratings	Nominal Cold DCR ( $\Omega$ ) <sup>1</sup>	Nominal $I^2t$ ( $A^2s$ ) <sup>2</sup>	Marking Code <sup>3</sup>
QF1206GA500T	0.5	65	50A @ 65VDC	1.080	0.006	C
QF1206GA750T	0.75			0.513	0.016	D
QF1206G1A00T	1.0			0.420	0.048	E
QF1206G1A50T	1.5			0.209	0.120	G
QF1206G2A00T	2.0			0.140	0.330	I
QF1206G2A50T	2.5			0.070	0.480	J
QF1206G3A00T	3.0			0.051	0.600	K
QF1206G3A50T	3.5			0.039	0.750	L
QF1206G4A00T	4.0			0.032	0.900	M
QF1206G4A50T	4.5			0.027	1.120	T
QF1206G5A00T	5.0			0.023	1.500	N

1. Measured at  $\leq 10\%$  rated current and 25°C ambient.
2. Melting  $I^2t$  at 0.001 second pre-arcing time.
3. Cyan marking character code at the top side (0.5-0.75A), cyan marking character code at both sides (1-8A).

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### Average Pre-arcing Time Curves:



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### Average $I^2t$ vs. $t$ Curves:

