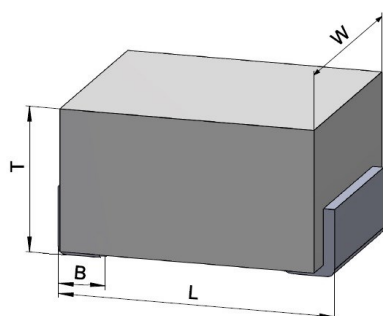
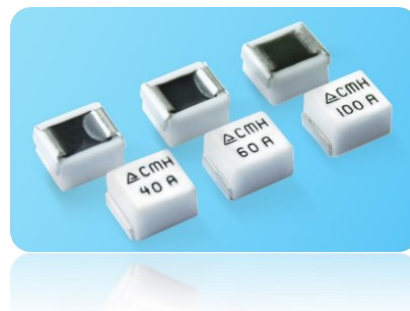


CMF High Power Fuse

Key Features

- Current ratings from 20A to 125A (150A rating in development)
- Application specific voltage ratings 32Vdc to 125Vdc
- Standardized 2822 footprint / miniaturized package size for all values
- Miniaturization through elimination of multiple parallel fuse designs
- Solid robust structure using singular fuse link / terminal
- Solderless, RoHS compliant / Halogen free construction
- High Interrupting ratings – for excellent inrush current capability
- Best in Class Safe Power Density @ 421 VA/mm³ (Ref 1000A @ 75Vdc)
- Best in Class DCR ratings – Minimizes excessive power loss & optimizes thermal management
- IATF 16949:2016 manufacturing facility
- Automotive grade version qualified to AEC-Q200 pending



Dimensions Inches (mm)			
Length (L)	Width (W)	Thickness (T)	Terminal (B)
0.287 ± 0.012 (7.3 ± 0.3)	0.228 ± 0.008 (5.8 ± 0.2)	0.165 ± 0.008 (4.2 ± 0.2)	0.063 ± 0.012 (1.6 ± 0.3)

Clear Time Characteristics	
% of Current Rating	Clear Time at 25 °C
100%	1 Hour min.
250%	60 Sec max.

Part Number / Electrical Specification

Part Number ¹	Current Rating (A)	Max Voltage Rating(V)	Interrupting Rating	Nominal Cold DCR (mΩ) ²	Nominal I ² t (A ² s) ³
CM2822H20A0T	20	125	300A @ 125Vdc 1000A @ 75Vdc ⁴ 1500A @ 48Vdc ⁴	2.10	120
CM2822H30A0T	30	125		1.35	270
CM2822H40A0T	40	125		1.05	400
CM2822H50A0T	50	125		0.85	600
CM2822H60A0T	60	75	1000A @ 75Vdc ⁴ 1500A @ 48Vdc ⁴	0.74	900
CM2822H70A0T	70	75		0.61	1400
CM2822H80A0T	80	75		0.53	2000
CM2822H90A0T	90	75		0.48	2400
CM2822H100AT	100	75		0.44	3600
CM2822H125AT ⁵	125	75		0.38	6000

1. CM – Commercial Grade / QM – Automotive Grade (Pending)

3. Melting I²t at 10x In

5. CM / QM 125A design preliminary, pending release & subject to change

2. DCR measured at ≤10% rated current and 25°C ambient

4. Time constant of Interrupting Test System @ ≤ 0.1 ms