Type ANR80-UL Automotive Blade Fuse Standard - Voltage 80V w/ UR Approval



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(619) 593-5050

Specifications:

· Voltage: 80V DC

Amperage: 500mA, 1A, 2A, 3A, 4A, 5A, 6A,
7A, 7.5A, 8A, 10A, 12A, 15A, 16A, 20A,
25A, 30A, 35A, 40A

· Material:

Body - Nylon 66 with

30% Fiber Glass UL94V-0

Terminals – Copper Alloy, Tin plated

• Interrupt Rating: 1000A @ 80VDC

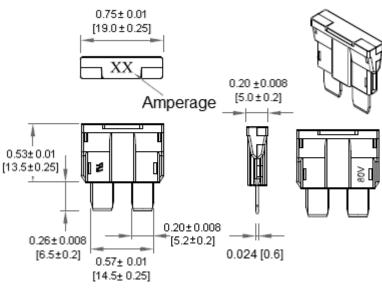
Standards: UL248-1 Special Purpose Fuse

Time Characteristics:					
% of Rated	Min Hold Time	Max Hold			
Current	William Time	Time			
100%	Carry (35A~40A)				
110%	Carry (500mA~30A)				
135%	750ms	3600s			
200%	150ms	60s			
350%	40ms	1s			
600%	10ms	100ms			

Agency Standards and Listings:



Mechanical Dimensions: Inches [mm]



Part Number	Amperage	Body Color	Voltage Drop (mV)	Cold Resistance	I^2T
ANR80-UL-500MA	500mA	Dark Blue	150	290 mΩ	0.3
ANR80-UL-1A	1A	Black	125	100 mΩ	2.3
ANR80-UL-2A	2A	Gray	120	43.0 mΩ	9.6
ANR80-UL-3A	3A	Violet	110	$30.0~\mathrm{m}\Omega$	16.2
ANR80-UL-4A	4A	Pink	110	$22.0~\mathrm{m}\Omega$	36.8
ANR80-UL-5A	5A	Tan	110	$16.0~\mathrm{m}\Omega$	62.5
ANR80-UL-6A	6A	Light Red			
ANR80-UL-7A	7A	Light Orange			
ANR80-UL-7.5A	7.5A	Brown	90	$9.00~\mathrm{m}\Omega$	73.1
ANR80-UL-8A	8A	Light Yellow			
ANR80-UL-10A	10A	Red	90	$6.50~\mathrm{m}\Omega$	210
ANR80-UL-12A	12A	Light Pink			
ANR80-UL-15A	15A	Blue	90	$4.00~\mathrm{m}\Omega$	270
ANR80-UL-16A	16A	Light Green			
ANR80-UL-20A	20A	Yellow	90	$3.00~\mathrm{m}\Omega$	360
ANR80-UL-25A	25A	Clear	80	1.90 mΩ	813
ANR80-UL-30A	30A	Green	80	1.65 mΩ	1530
ANR80-UL-35A	35A	Blue Green	70	1.45 mΩ	1960
ANR80-UL-40A	40A	Orange	70	1.25 mΩ	3200

Warning:

-Operation beyond the specified maximum ratings or improper use may result in damage and possible electrical arcing and/or flame.



-Avoid contact of device with chemical solvent. Prolonged contact will damage the device performance.

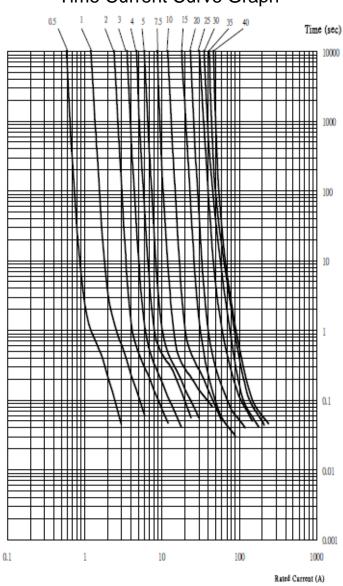
Note: All specifications subject to change without notice.

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Code G02-01H



Time Current Curve Graph



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