



# FERRAZ SHAWMUT

## Micro Fuses

### Type 20N

Very Fast Acting



#### Approvals

UL Listed	100mA~315mA:125V / 375mA~3A:250V
UL Recognized	3.15A~10A:250V / 12A~20A: 125V
CSA Acceptance	100mA~10A:250V / 12A~15A:125V
MITI	1A~5A:125V

#### Electrical Characteristics

Rated Current	1 In	2 In
	MIN	MAX
100mA ~20A	4 Hrs	20Sec

#### Interrupting Ratings

- 50 amperes at 125V AC ( 100mA ~ 3A)
- 50 amperes at 250V AC ( 375mA ~ 3A)
- 30 amperes at 125V AC ( 3.15A ~ 10A)
- 30 amperes at 250V AC ( 100mA ~ 300mA, 3.15A ~ 10A)
- 30 amperes at 72V AC ( 12mA ~ 15A)
- 50 amperes at 60V DC ( 20A)
- 100 amperes at 125V AC ( 1A ~ 5A) PSE

#### Operating Temperature

-55°C to +125°C

#### Physical Specification

##### Materials

Ceramic body / Nickel Brass Caps  
Lead Wire: Diameter Ø 0.6 mm

##### Packaging

1. Packaging Quantity  
4,000 pcs per carton.
2. Tape & Reel specification:  
EIA-296 / JIS C 8508 Standard

Cartridge Catalog Number	Ampere Rating [In]	Voltage Rating (V)	I <sup>2</sup> T (A <sup>2</sup> sec)
20N 0100	100mA	250V	0.00144
20N 0125	125mA		0.00263
20N 0200	200mA		0.00578
20N 0250	250mA		0.0100
20N 0300	300mA		0.0163
20N 0375	375mA		0.0256
20N 0400	400mA		0.0324
20N 0500	500mA		0.0440
20N 0630	630mA		0.0580
20N 0750	750mA		0.0840
20N 0800	800mA		0.102
20N 1000	1A		0.168
20N 1250	1.25A		0.240
20N 1500	1.5A		0.462
20N 1600	1.6A		0.563
20N 2000	2A		1.005
20N 2500	2.5A		1.690
20N 3000	3A		2.890
20N 3150	3.15A		3.423
20N 3500	3.5A		4.410
20N 4000	4A	5.290	
20N 5000	5A	7.290	
20N 6000	6A	11.47	
20N 7000	7A	12.59	
20N 8000	8A	14.39	
20N 10K	10A	26.01	
20N 12K	12A	30.49	
20N 15K	15A	58.52	
20N 20K	20A		

#### Mechanical Dimensions

