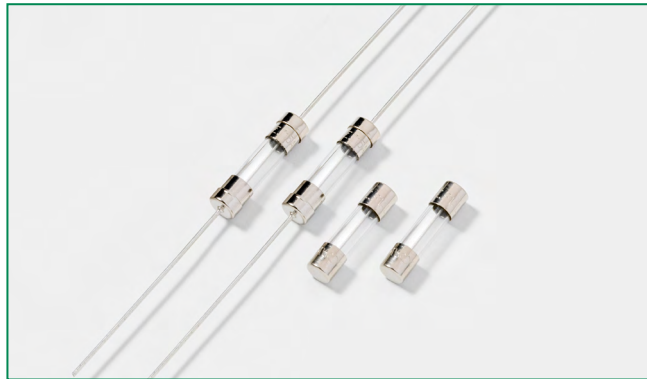



201P Series, 5×20mm, Medium-Acting Fuse



Agency Approvals

Agency	Agency File Number	Ampere Range
	E67006	0.050A-1.25A

Additional Information



Datasheet



Resources



Samples

Description

5×20mm Medium-Acting, Time-lag, Glass Body Cartridge Fuse.

Features

- Visual fault indication
- Direct solderable or plug-in versions
- Worldwide availability
- RoHS compliant and Lead-free


Applications

Used as supplementary protection in appliance or utilization equipment to provide individual protection for components or internal circuits.

Electrical Characteristics for Series

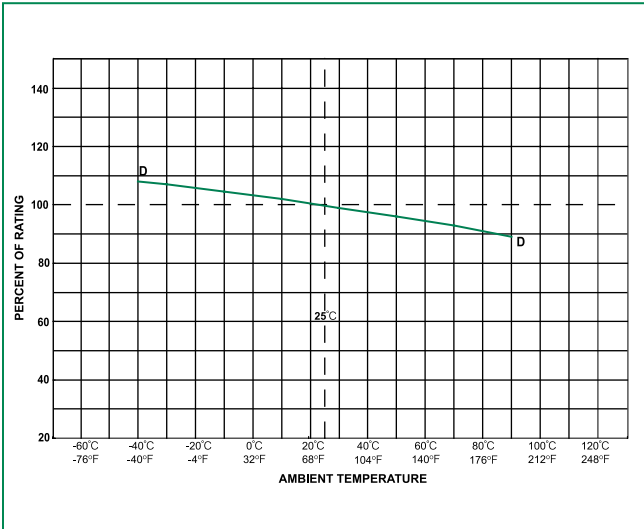
% of Ampere Rating	Opening Time
150	1 Hour Minimum
210	600 s Maximum
400	40 ms Minimum 2 s Maximum
1000	5 ms Minimum 90 ms Maximum

Electrical Characteristic Specifications by Item

Amp Code	Amp Rating	Voltage Rating	Interrupting Rating	Nominal Resistance Cold Ohms (mohms)	Nominal Melting Integral $10 \times I_N$ max. (A ² s)	Voltage Drop $1.0 \times I_N$ max. (mV)	Power Dissipation $1.5 \times I_N$ max. (W)	Agency Approvals
								
0050	0.050	250V	80A @ 250V AC	9200	0.00900	640	0.10000	x
0063	0.063	250V		7400	0.01100	600	0.10000	x
0080	0.080	250V		5330	0.01700	540	0.20000	x
0100	0.100	250V		3550	0.03100	500	0.20000	x
0125	0.125	250V		2650	0.05700	440	0.20000	x
0160	0.160	250V		1780	0.08500	400	0.20000	x
0200	0.200	250V		1250	0.12000	340	0.30000	x
0250	0.250	250V		870	0.13000	320	0.30000	x
0315	0.315	250V		590	0.16000	300	0.30000	x
0400	0.400	250V		435	0.28000	230	0.40000	x
0500	0.500	250V		160	0.35000	210	0.40000	x
0630	0.630	250V		130	0.80900	190	0.50000	x
0800	0.800	250V		85	1.10000	170	0.60000	x
1100	1.000	250V		70	2.00000	160	0.70000	x
1125	1.250	250V		50	5.12000	160	0.80000	x

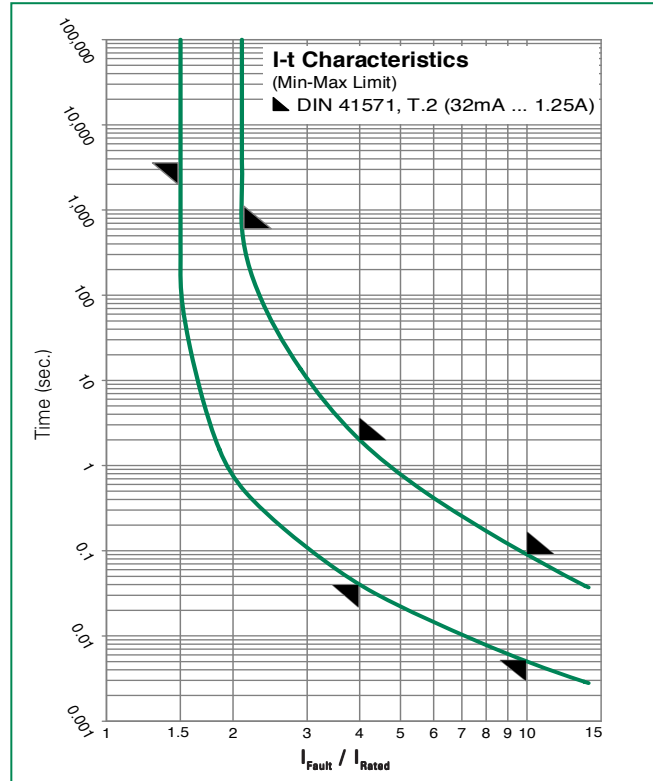
Note: 1.00 means the number one with two decimal places. 1,000 means the number one thousand.

Temperature Re-rating Curve

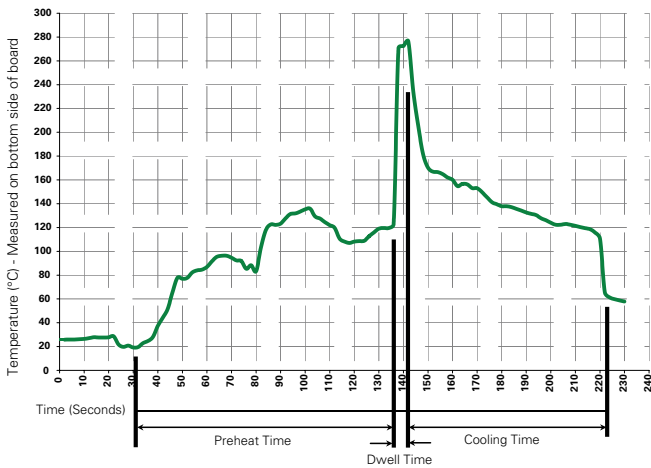


Note:
Rerating depicted in this curve is in addition to the standard derating of 25% for continuous operation.

Average Time Current Curves



Soldering Parameters - Wave Soldering



Recommended Process Parameters:

Wave Parameter	Lead-Free Recommendation
Preheat: (Depends on Flux Activation Temperature)	(Typical Industry Recommendation)
Temperature Minimum:	100°C
Temperature Maximum:	150°C
Preheat Time:	60-180 seconds
Solder Pot Temperature:	260°C Maximum
Solder Dwell Time:	2-5 seconds

Recommended Hand-Solder Parameters:

Solder Iron Temperature: 350°C +/- 5°C
Heating Time: 5 seconds max.

Note: These devices are not recommended for IR or Convection Reflow process.

