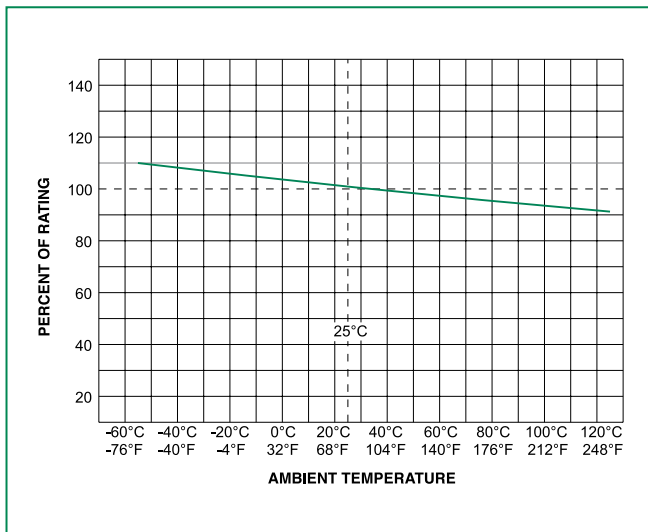


Electrical Characteristic Specifications by Item

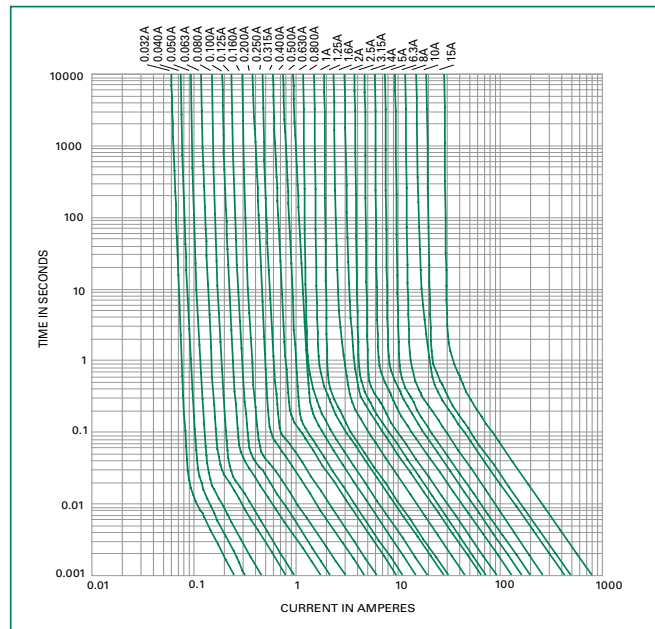
Amp Code	Amp Rating (A)	Voltage Rating (V)	Interrupting Rating	Nominal Cold Resistance (Ohms)	Nominal Melting I²t (A² sec)	Maximum Voltage Drop at Rated Current (mV)	Maximum Power Dissipation At 1.5In(W)	Agency Approvals								
																
.032	0.032	250	35A @ 250VAC	262.2000	0.00015	10000	1.6		x	x		x	x	x	x	x
.040	0.04	250		183.1500	0.00008	8000	1.6		x	x		x	x	x	x	x
.050	0.05	250		15.2000	0.00049	7000	1.6		x	x		x	x	x	x	x
.063	0.063	250		10.4500	0.00056	5000	1.6		x	x		x	x	x	x	x
.080	0.08	250		7.8900	0.00132	4000	1.6		x	x		x	x	x	x	x
.100	0.1	250		5.6965	0.00260	3500	1.6		x	x		x	x	x	x	x
.125	0.125	250		3.8200	0.00478	2000	1.6		x	x		x	x	x	x	x
.160	0.16	250		2.5250	0.01000	2000	1.6		x	x		x	x	x	x	x
.200	0.2	250		1.7000	0.02000	1700	1.6		x	x		x	x	x	x	x
.250	0.25	250		1.2325	0.04000	1400	1.6		x	x		x	x	x	x	x
.315	0.315	250		0.8800	0.11000	1300	1.6		x	x		x	x	x	x	x
.400	0.4	250		0.2770	0.12500	1200	1.6	x	x	x		x	x	x	x	x
.500	0.5	250		0.2065	0.21500	1000	1.6	x	x	x		x	x	x	x	x
.630	0.63	250		0.1900	0.41000	650	1.6	x	x	x		x	x	x	x	x
.800	0.8	250		0.1203	0.85000	240	1.6	x	x	x		x	x	x	x	x
001.	1	250		0.0964	1.04500	200	1.6	x	x	x	x	x	x	x	x	x
1.25	1.25	250		0.0701	2.23000	200	1.6	x	x	x	x	x	x	x	x	x
01.6	1.6	250		0.0528	4.61500	190	1.6	x	x	x	x	x	x	x	x	x
002.	2	250		0.0416	5.73000	170	1.6	x	x	x	x	x	x	x	x	x
02.5	2.5	250		0.0334	9.46000	170	1.6	x	x	x	x	x	x	x	x	x
3.15	3.15	250		0.0224	17.72000	150	2.5	x	x	x	x	x	x	x	x	x
004.	4	250	40A @ 250VAC	0.0165	29.16500	130	2.5	x	x	x	x	x	x	x	x	
005.	5	250	50A @ 250VAC	0.0137	42.79500	130	2.5	x	x	x	x	x	x	x	x	
06.3	6.3	250	63A @ 250VAC	0.0095	62.46500	130	2.5	x	x	x	x	x	x	x	x	
008.	8	250	80A @ 250VAC	0.0068	198.16000	130	4		x		x	x			x	x*
010.	10	250	100A @ 250VAC	0.0063	217.63500	130	4		x		x	x			x	x*
015.	15	250	150A @ 250VAC	0.0040	607.13500	130	4				x				x	x*

* Approval for cartridge versions only.

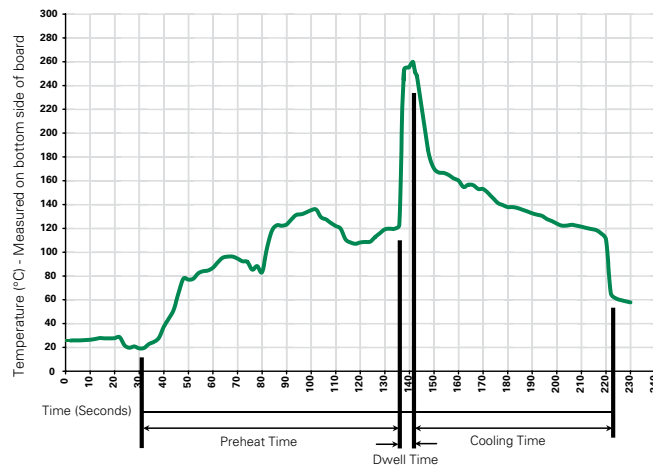
Temperature Re-rating Curve



Average Time Current Curves



Soldering Parameters - Wave Soldering



Recommended Process Parameters:

Wave Parameter	Lead-Free Recommendation
Preheat: (Depends on Flux Activation Temperature)	
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.

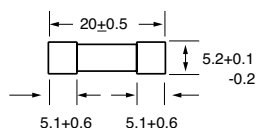
Product Characteristics

Material	Body: Glass Cap: Nickel-plated brass Leads: Tin-plated Copper
Terminal Strength	MIL-STD-202, Method 211, Test Condition A
Solderability	MIL-STD-202 method 208
Product Marking	Cap1: Brand logo, current and voltage ratings Cap2: Agency approval marks
Packaging	Available in Bulk (M=1000 pcs/pkg) or on Tape/Reel (MRET1=1000 pcs/reel)

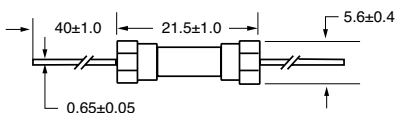
Operating Temperature	-55°C to +125°C
Thermal Shock	MIL-STD-202, Method 107, Test Condition B: (5 cycles -65°C to +125°C)
Vibration	MIL-STD-202, Method 201
Humidity	MIL-STD-202, Method 103, Test Condition A. high RH (95%) and elevated temperature (40°C) for 240 hours.
Salt Spray	MIL-STD-202, Method 101, Test Condition B

Dimensions

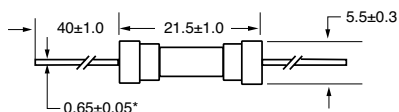
0217 000P



**0217.032 XEP
to
0217.315 XEP**



**0217.400 XEP
to
0217015 XEP**

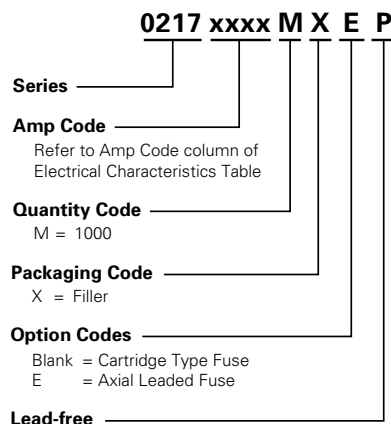


All dimensions in mm

Notes:

* Ratings above 6.3A have 0.8±0.05 diameter lead.

Part Numbering System



Packaging

Packaging Option	Packaging Specification	Quantity	Quantity & Packaging Code	Taping Width
217 Series				
Bulk	N/A	1000	MX	N/A
Bulk	N/A	1000	MXE	N/A
Reel and Tape	EIA 296-E	1000	MRET1	T1=53mm (2.087")
Bulk	N/A	1000	MXG	N/A
Bulk	N/A	1000	MXB	N/A
Bulk	N/A	100	HX	N/A

Recommended Accessories

Accessory Type	Series	Description	Max Application Voltage	Max Application Amperage
Holder	345_ISF	Panel Mount Shock-Safe Fuseholder	250	10
	345	Shock-Safe Fuseholder with PC Mount, Solder Mount and Panel Mount options		20
	830	PC Mount Shock-Safe Miniature Fuseholder		16
Block	520	Metric OMNI-BLOK® Fuse Block		10
	646	PC Mount Miniature Fuse Block		6.3
	658	Surface Mount Miniature Fuse Block		10
Clip	520_W	PC Mount Miniature Fuse Clip		6.3
	111	PC Board Mount Fuse Clip		10
	445	PC Board Mount Fuse Clip		10

Notes:

- Do not use in applications above rating.
- Please refer to fuseholder data sheet for specific re-rating information.
- Please contact factory for applications greater than the max voltage and amperage shown.

Disclaimer Notice - Information furnished is believed to be accurate and reliable. However, users should independently evaluate the suitability of and test each product selected for their own applications. Littelfuse products are not designed for, and may not be used in, all applications. Read complete Disclaimer Notice at: www.littelfuse.com/disclaimer-electronics.