

Axial Lead and Cartridge Fuses

Designed to IEC Standard

RoHS **Pb** **5 x 20 mm** Fast-Acting Fuse 217P Series

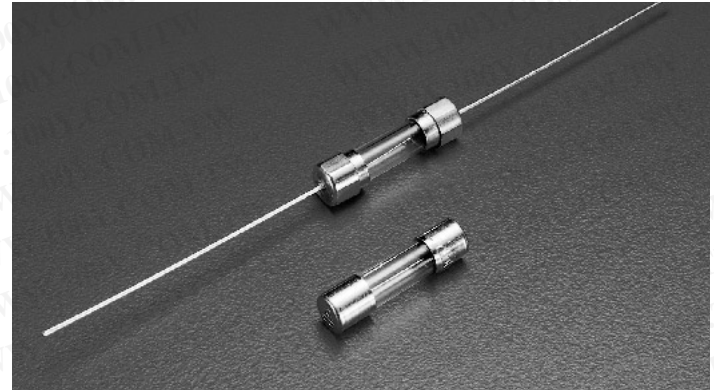


- Designed to International (IEC) Standards for use globally.
- Meets the IEC 60127-2, Sheet 2 specification for Fast-Acting Fuses.
- Available in Cartridge and Axial Lead Form.
- Available in ratings of 0.032 to 15 amperes.
- RoHS Compliant and Lead-Free

ELECTRICAL CHARACTERISTICS:

% of Ampere Rating	Ampere Rating	Opening Time
150%	.032–6.3	60 minutes, Minimum
	8-15	30 minutes, Minimum
210%	.032-15	30 minutes, Maximum
275%	.032–.100	0.01 sec., Min. ; .5 sec. Max.
	.125–15	0.05 sec., Min. ; 2 sec. Max.
400%	.032–.100	.003 sec., Min. ; 0.1 sec. Max.
	.125–6.3	.01 sec., Min. ; 0.3 sec. Max.
1000%	8 - 15	.01 sec., Min. ; 0.4 sec. Max.
	.032–6.3	.02 second, Maximum
	8-15	.04 second, Maximum

INTERRUPTING RATING: 35 amperes or 10 x rated current; (whichever is greater) to a maximum 100 amperes @ 250VAC, unity Power Factor.



ENVIRONMENTAL SPECIFICATIONS:

Operating temperature: -55°C to 125°C

Thermal Shock: MIL-STD-202F Method 107G, Test Condition B: (5 cycles -65°C to +125°C)

Vibration: MIL-STD-202F Method 201A

Humidity: MIL-STD-202F Method 103B, Test Condition A. high relative humidity (95%) and elevated temperature (40°C) for 240 hours.

Salt Spray: MIL-STD-202F Method 101D, Test Condition B

PHYSICAL SPECIFICATIONS:

Material: Body: Glass

Cap: Nickel Plated Brass

Leads: Tin Plated Copper

Terminal Strength: MIL-STD-202F Method 211A, Test Condition A

Solderability: Reference IEC 60127 Second Edition 2003-01 Annex A

Terminal strength: MIL-STD-202F Method 211A, Test Condition A

Product Marking: Cap 1: current and voltage rating.

Cap 2: Agency approval markings.

Packaging: Available in Bulk (V=5, H=100, M=1000 pcs/pkg) or on Tape/Reel (MRET1=1000 pcs/reel).

ORDERING INFORMATION:

Cartridge Catalog Number	Ampere Rating	Voltage Rating	Nominal Resistance Cold Ohms	Nominal Melting I ² t A ² Sec.
217.032P	.032	250	262.2	0.000060
217.040P	.040	250	183.2	0.000085
217.050P	.050	250	15.20	0.000190
217.063P	.063	250	10.45	0.000555
217.080P	.080	250	7.890	0.000828
217.100P	.100	250	5.775	0.00450
217.125P	.125	250	3.820	0.00477
217.160P	.160	250	2.525	0.010
217.200P	.200	250	1.700	0.024
217.250P	.250	250	1.233	0.042
217.315P	.315	250	0.894	0.112
217.400P	.400	250	0.277	0.127
217.500P	.500	250	0.207	0.219
217.630P	.630	250	0.190	0.409
217.800P	.800	250	0.120	0.847
217 001.P	1	250	0.096	1.042
217 1.25P	1.25	250	0.070	2.230
217 01.6P	1.6	250	0.053	4.616
217 002P	2	250	0.042	5.726
217 02.5P	2.5	250	0.033	9.460
217 3.15P	3.15	250	0.022	17.722
217 004.P	4	250	0.016	29.164
217 005.P	5	250	0.014	42.796
217 06.3P	6.3	250	0.009	62.466
217 008.P	8*	250	0.007	198.158
217 010.P	10*	250	0.006	217.633
217 015.P	15*	250	0.004	607.133

胜特力材料 886-3-5753170
 胜特力电子(上海) 86-21-54151736
 胜特力电子(深圳) 86-755-83298787
[Http://www.100y.com.tw](http://www.100y.com.tw)

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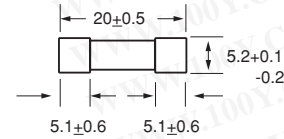


Agency Approvals

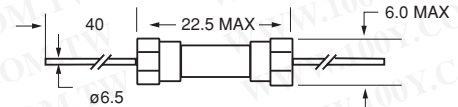
Agency Approvals		Ampere Range
	Cartridge NBK120802-E10480 A&C Leaded NBK120802-E10480 B&D	1A – 15A
	Certificate No. 2002010207007600 2002010207007599	32mA – 800mA 1A – 6.3A
	Certificate No. SU05001-3004 SU05001-2005 SU05001-2006 SU05001-2007	32mA – 40mA 50mA – 315mA 400mA – 6.3A 8A & 10A
	Recognised File No. E10480 Guide No. JDYX2	32mA – 6.3A
	File No. 029862 Acc. Class No. LR1422-30	
	Licence No. KM41462	400mA – 6.3A
	File No. 9848103, 9931059 304518 & 304555	32mA – 6.3A
	Licence No. 40014645	32mA – 8A, 10A*
	Licence No. 40016647	15A 32mA – 15A

*Approval for cartridge versions only

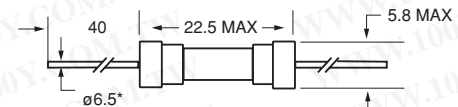
0217 000P



0217.032 XEP to 0217.315 XEP



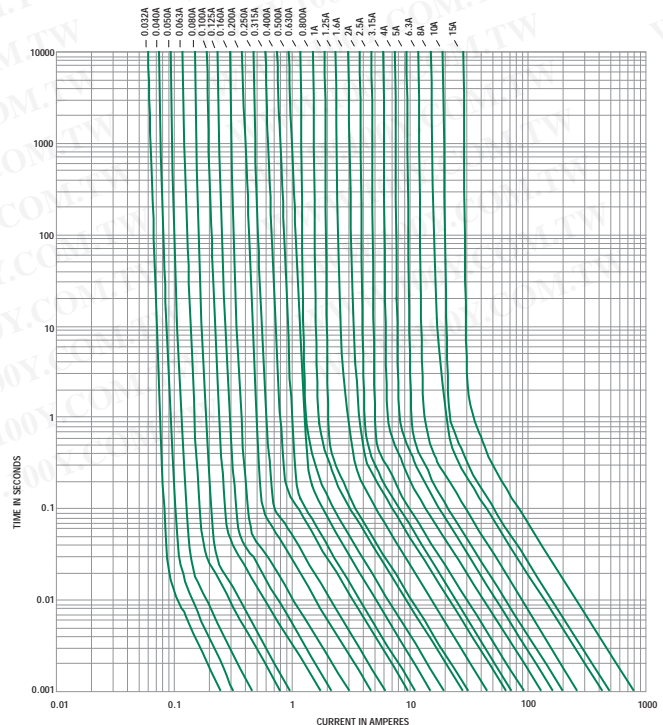
0217.400 XEP to 0217015 XEP



All dimensions in mm

Notes:
* Ratings above 6.3A
have 0.8 mm dia lead

Average Time Current Curves



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中国RoHS物质报告 China RoHS Substance Report

部件系列
 Part Series: 217XP

部件名称 Part Name	有毒有害物质或元素 / Toxic or Hazardous Substances and Elements					
	铅 (Pb)	汞 (Hg)	镉 (Cd)	六价铬 (Cr(VI))	多溴联苯 (PBB)	多溴二苯醚 (PBDE)
铜帽 / Cap	O					
管体 / Body	O					
金属丝 / Wire	O					
焊锡 / Solder	O					
铜帽及引线的组合 / Cap And Lead Assembly	O		O			

O: 表示该有毒有害物质在该部件所有均质材料中的含量均在SJ/T 11363-2006 规定的限量要求以下。
 O: Indicates that this is a toxic or hazardous substance contained in all of the homogenous materials for this part is below the limit requirement in SJ/T11363-2006

X: 表示该有毒有害物质至少在该部件的某一均质材料中的含量超出SJ/T 11363-2006 规定的限量要求。
 (企业可在此处,根据实际情况对上表中打"X"的技术原因进行进一步说明.)
 X: Indicates that this is toxic or hazardous substance contained in at least one of the homogeneous materials used for this part is above the limit requirement in SJ/T11363-2006 (Enterprises may further provide in this box technical explanation for marking "X" based on their actual conditions.)