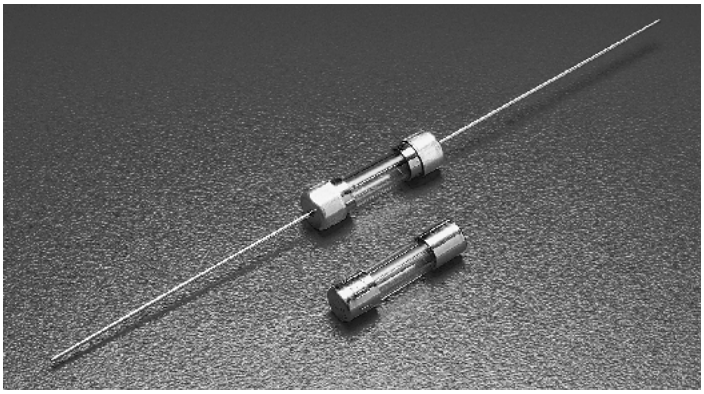
Axial Lead and Cartridge Fuses

Designed to UL/CSA Standards

RoHS Pb 5 x 20 mm Fast-Acting Fuse 235P Series

- Designed to UL/CSA/ANCE 248 Standard.
- Available in Cartridge and Axial Lead Format.
- Available in ratings of 0.100 to 6 amperes.
- RoHS compliant and Lead-Free
- Improved I^2t



ELECTRICAL CHARACTERISTICS:

% of Ampere Rating	Opening Time
100%	4 hours, **Min**imum
135%	1 hour, **Max**imum
200%	5 second, **Max**imum

INTERRUPTING RATING:

0.10-1A	10,000 amperes at 125 VAC, 0.7-0.8 power factor 35 amperes at 250 VAC, 0.7-0.8 power factor
1.25A-3.15A	10,000 amperes at 125 VAC, 0.7-0.8 power factor 100 amperes at 250 VAC, 0.7-0.8 power factor
4A-6A	10,000 amperes at 125 VAC, 0.7-0.8 power factor

ORDERING INFORMATION:

Catalog Number	Ampere Rating	Voltage Rating	Nominal Resistance Cold Ohms	Nominal Melting I^2t A^2 Sec.
235.100P	.100	250	8.40	0.00160
235.125P	.125	250	5.75	0.00270
235.200P	.200	250	3.15	0.0087
235.250P	.250	250	2.25	0.0170
235.300P	.300	250	1.60	0.0320
235.400P	.400	250	1.08	0.0580
235.500P	.500	250	0.427	0.0690
235.600P	.600	250	0.320	0.112
235.700P	.700	250	0.263	0.156
235.800P	.800	250	0.192	0.253
235 001.P	1	250	0.153	0.467
235 1.25P	1.25	250	0.105	1.086
235 01.6P	1.6	250	0.076	2.025
235 002.P	2	250	0.0600	2.649
235 02.5P	2.5	250	0.044	5.443
235 003.P	3	250	0.035	8.394
235 004.P	4	125	0.025	17.138
235 005.P	5	125	0.018	27.411
235 006.P	6	125	0.015	48.324

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:

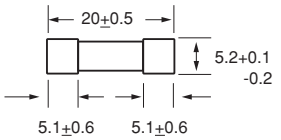
Material: Body: Glass
Cap: Nickel Plated Brass
Leads: Tin Plated Copper
Terminal Strength: MIL-STD-202F Method 211A, Test Condition A
Solderability: Reference IEC 60127 Second Edition 2003-01 Annex A
Terminal strength: MIL-STD-202F Method 211A, Test Condition A
Product Marking: Cap 1: current and voltage 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).

RoHS 5 x 20 mm Fast-Acting Fuse 235P Series

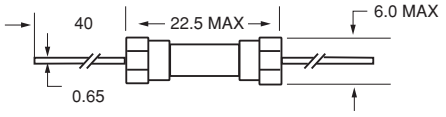
Agency Approvals

Agency Approvals		Ampere Range
Certificate No.	Cartridge	
	NBK290502-E10480 G	1A – 3A 250V 100A
	NBK280602-E10480 C	4A & 5A 125V 10000A
	NBK290502-E10480 I	6A 125V 500A
	Leaded	
	NBK290502-E10480 H	1A – 3A 250V 100A
	NBK280602-E10480 D	4A & 5A 125V 10000A
	NBK290502-E10480 J	6A 125V 500A
Certificate No.	SU05001-3007	100mA – 400mA
	SU05001-2002A	500mA – 3A
	SU05001-2003A	4A – 6A
Listed File No.	E10480	100mA – 6A
Guide No.	JDYX	
File No.	029862	
Cert. Class No.	LR1422-01	

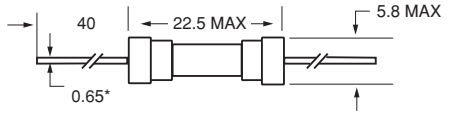
0235000P



0235.100 XEP to **0235.400 XEP**



0235.500 XEP to **0235006.XEP**



All dimensions in mm

Average Time Current Curves

