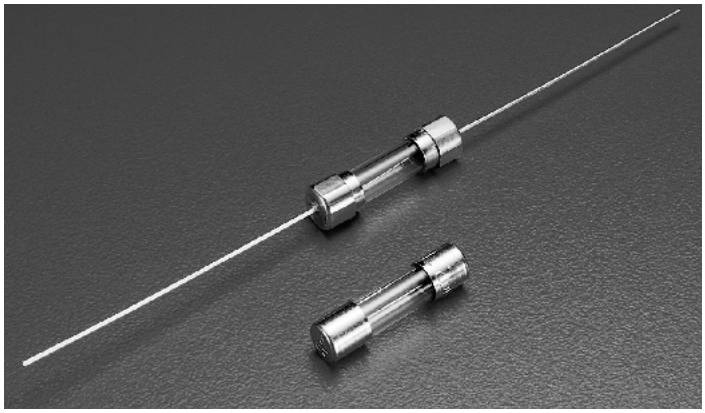
5 x 20 mm Medium-Acting Fuse 232 Series

- Designed to Japanese Standard JIS C6575.
- Available in Cartridge, Axial and Radial Lead Format.
- Available in ratings of 1A to 10A.
- Improved I^2t



ELECTRICAL CHARACTERISTICS:

% of Ampere Rating	Opening Time
130%	1 hour, **Min**imum
160%	1 hour, **Max**imum
200%	2 minutes, **Max**imum

INTERRUPTING RATING:

1A-5A 10,000A @ 125VAC, 0.7-0.8 power factor
6.3A-10A 300A @ 125VAC, 0.7-0.8 power factor
100 amperes @ 250 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
0232 001.	1	125/250	0.092	1.373
0232 1.25	1.25	125/250	0.069	4.114
0232 01.6	1.6	125/250	0.054	6.957
0232 002.	2	125/250	0.037	8.253
0232 02.5	2.5	125/250	0.029	13.876
0232 003.	3	125/250	0.023	17.187
0232 3.15	3.15	125/250	0.022	21.958
0232 004.	4	125/250	0.017	37.733
0232 005.	5	125/250	0.013	56.721
0232 06.3	6.3	125/250	0.010	90.413
0232 008.	8	125/250	0.0076	182.578
0232 010.	10	125/250	0.006	290.664

*To order 125V rating, add part number suffix X125

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:

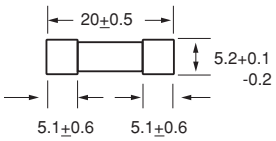
Material: Body: Glass
Cap: Nickel Plated Brass
Leads: Tin Plated Copper
Terminal Strength: MIL-STD-202F Method 211A, Test Condition A
Solderability: Reference IEC 60127 Second Edition 2003-01 Annex A
Product Marking: Cap 1: current and voltage rating.
Cap 2: Agency approval markings.
Packaging: Available in Bulk (V=5, H=100, M=1000 pcs/pkg) or on Tape/Reel (MRET1=1000 pcs/reel).

RoHS Pb 5 x 20 mm Medium-Acting Fuse 232 Series

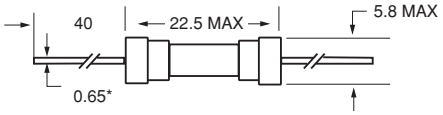
Agency Approvals

Agency Approvals		Ampere Range	
Certificate No.	**Cartridge**		
	NBK010702-E10480 A	1A – 5A	125V 10,000A
	NBK290502-E10480 C	6.3A – 10A	125V 300A
	Leaded		
	NBK010702-E10480 B	1A – 5A	125V 10,000A
	NBK290502-E10480 E	6.3A – 10A	125V 300A
	Cartridge		
	NBK260202-E10480 B	1A – 5A	125V 10,000A
	NBK290502-E10480 D	6.3A – 10A	125V 300A
	Leaded		
	NBK290502-E10480 B	1A – 5A	125V 10,000A
	NBK290502-E10480 F	6.3A – 10A	125V 300A
Certificate No.	SU05001-2001	1A – 10A (125V)	
	SU05001-2015	1A – 10A (250V)	
		1A – 10A	

0232 000



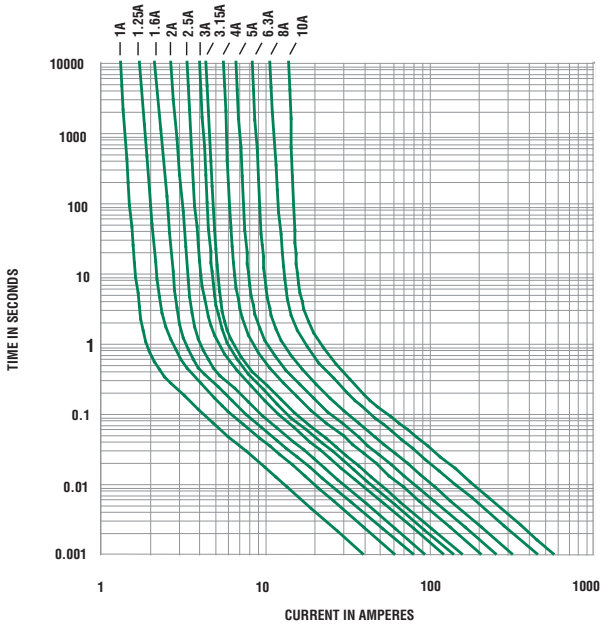
0232 000 **XE**



All dimensions in mm

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

Average Time Current Curves



Axial Lead and Cartridge Fuses

Designed to METI Standard

RoHS Pb 5 x 20 mm Medium-Acting Fuse 232P Series

- Designed to Japanese Standard JIS C6575.
- Available in Cartridge, Axial and Radial Lead Format.
- Available in ratings of 1A to 10A.
- RoHS compliant and Lead-Free
- Improved I^2t

ELECTRICAL CHARACTERISTICS:

% of Ampere Rating	Opening Time
130%	1 hour, **Min**imum
160%	1 hour, **Max**imum
200%	2 minutes, **Max**imum

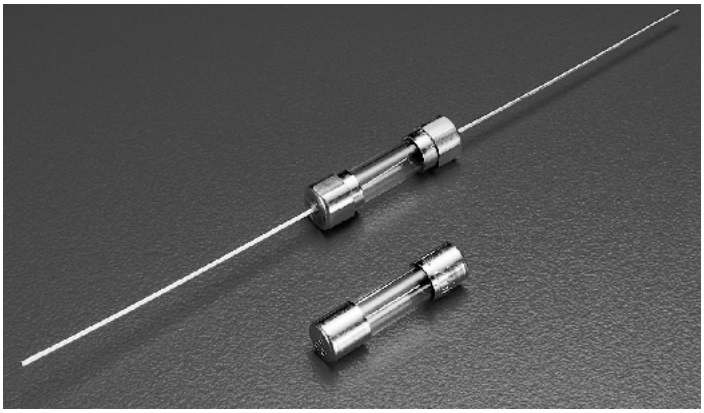
INTERRUPTING RATING:

1A-5A 10,000A @ 125VAC, 0.7-0.8 power factor
6.3A-10A 300A @ 125VAC, 0.7-0.8 power factor
100 amperes at 250 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
0232 001.P	1	125/250	0.092	1.373
0232 1.25P	1.25	125/250	0.069	4.114
0232 01.6P	1.6	125/250	0.054	6.957
0232 002.P	2	125/250	0.037	8.253
0232 02.5P	2.5	125/250	0.029	13.876
0232 003.P	3	125/250	0.023	17.187
0232 3.15P	3.15	125/250	0.022	21.958
0232 004.P	4	125/250	0.017	37.733
0232 005.P	5	125/250	0.013	56.721
0232 06.3P	6.3	125/250	0.010	90.413
0232 008.P	8	125/250	0.0076	182.578
0232 010.P	10	125/250	0.006	290.664

*To order 125V rating, add part number suffix X125



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:

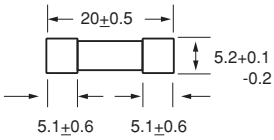
Material: Body: Glass
Cap: Nickel Plated Brass
Leads: Tin Plated Copper
Terminal Strength: MIL-STD-202F Method 211A, Test Condition A
Solderability: Reference IEC 60127 Second Edition 2003-01 Annex A
Product Marking: Cap 1: current and voltage rating.
Cap 2: Agency approval markings.
Packaging: Available in Bulk (V=5, H=100, M=1000 pcs/pkg) or on Tape/Reel (MRET1=1000 pcs/reel).

RoHS 5 x 20 mm Medium-Acting Fuse 232P Series

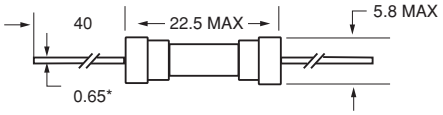
Agency Approvals

Agency Approvals		Ampere Range	
Certificate No.	**Cartridge**		
	NBK010702-E10480 A	1A – 5A	125V 10,000A
	NBK290502-E10480 C	6.3A – 10A	125V 300A
	Leaded		
	NBK010702-E10480 B	1A – 5A	125V 10,000A
	NBK290502-E10480 E	6.3A – 10A	125V 300A
	Cartridge		
	NBK260202-E10480 B	1A – 5A	250V 10,000A
	NBK290502-E10480 D	6.3A – 10A	250V 300A
	Leaded		
	NBK290502-E10480 B	1A – 5A	250V 10,000A
	NBK290502-E10480 F	6.3A – 10A	250V 300A
Certificate No.	SU05001-2001	1A – 10A (125V)	
	SU05001-2015	1A – 10A (250V)	
		1A – 10A	

0232 000P



0232 000 **XEP**



All dimensions in mm

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

Average Time Current Curves

