

# Axial Lead and Cartridge Fuses

High-Reliability Subminiature

## MICRO™ FUSE Very Fast-Acting Type 262/268/269 Series

UL SP QPL

### ELECTRICAL CHARACTERISTICS:

% of Ampere Rating	Ampere Rating	Opening Time
100%	1/500–5	4 hours, <b>Minimum</b>
200%	1/500–3/10	5 seconds, <b>Maximum</b>
	4/10–5	2 seconds, <b>Maximum</b>

**AGENCY APPROVALS:** Recognized under the Components Program of Underwriters Laboratories and Certified by CSA.

**FUSES TO MIL SPEC:** 262 Series is available in FM07A on QPL for MIL-PRF-23419/7. To order, change 262 to 269.

**INTERRUPTING RATING:** 10,000 amperes at 125 VAC/VDC

### ENVIRONMENTAL SPECIFICATIONS:

**Operating Temperature:** –55°C to 125°C.

**Shock:** (1/500): MIL-STD-202, Method 213, Test Condition A (50 G's peak for 11 milliseconds).  
(1/200–5): MIL-STD-202, Method 213, Test Condition I (100 G's peak for 6 milliseconds).

**Vibration:** MIL-STD-202, Method 201 (10–55 Hz); MIL-STD-202, Method 204, Test Condition C (55–2000 Hz at 10 G's Peak).

**Salt Spray:** MIL-STD-202, Method 101, Test Condition B.

**Seal Test:** MIL-STD-202, Method 112, Test Condition A

**Insulation Resistance (After Opening):** MIL-STD-202, Method 302, Test Condition A (1/2 Megohm minimum).

**Thermal Shock:** MIL-STD-202, Method 107, Test Condition B (–65°C to 125°C).

**Moisture Resistance:** MIL-STD-202, Method 106.

### PHYSICAL SPECIFICATIONS:

**Materials:** Gold-Plated Copper Leads, Type II (Fuse cap is also Gold-Plated).

**Weight:** 262 and 269 Series .36 Grams; 268 Series .48 Grams.

**Lead Pull Force:** MIL-STD-202, Method 211, Test Condition A (will withstand a 5 lb. axial pull test).

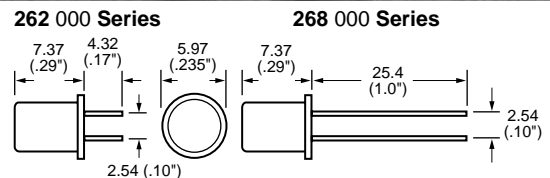
**AQL (Electrical Characteristics):** Certified to 1% AQL.

**Sampling:** Per MIL-STD-105, Inspection Level II.

**Traceability and Identification Records:** Controlled by lot number and retained on file for a minimum of three years. Copies of Lot Certification Test data available when requested with order.

**OPTIONS:** Special screening tests, burn-in, etc. can be supplied on special order to meet specific requirements.

**PATENTED**



### ORDERING INFORMATION:

Plug-In Catalog Number	Radial Lead Catalog Number	Ampere Rating	Voltage Rating	Nominal Resistance Cold Ohms
262.002	268.002	1/500	125	2000
262.005	268.005	1/200	125	280
262.010	268.010	1/100	125	94.0
262.015	268.015	1/64	125	44.0
262.031	268.031	1/32	125	16.45
262.050	268.050	1/20	125	3.20
262.062	268.062	1/16	125	2.25
262.100	268.100	1/10	125	1.17
262.125	268.125	1/8	125	1.0
262.200	268.200	2/10	125	2.30
262.250	268.250	1/4	125	1.75
262.300	268.300	3/10	125	1.25
262.400	268.400	4/10	125	0.227
262.500	268.500	1/2	125	0.167
262.600	268.600	6/10	125	0.140
262.700	268.700	7/10	125	0.114
262.750	268.750	3/4	125	0.104
262.800	268.800	8/10	125	0.094
262 001	268 001	1	125	0.100
262 01.5	268 01.5	1½	125	0.063
262 002	268 002	2	125	0.046
262 003	268 003	3	125	0.034
262 004	268 004	4	125	0.019
262 005	268 005	5	125	0.018

Please contact Littelfuse for Average Time Current Curve.