

# 5 x 20mm North American (UL) Ferrule Fuses

## GMA-V (axial leads)

### GMA

#### Specifications

##### Description:

Fast-acting fuse.

##### Dimensions:

5 x 20mm  
(0.197" x 0.788").

##### Construction:

Glass tube,  
nickel-plated brass  
endcaps.



RoHS

##### Ratings:

- Volts — 250Vac (63mA-2.5A)
- 125Vac (3.15-15A)
- 32Vdc (Self Certified)
- Amps — 63mA-15A
- IR — 35A (63mA- 1A @ 250Vac,  
p.f. = 0.7-0.8)
- 10kA (63mA-6A @ 125Vac,  
p.f. = 0.7-0.8)
- 100A (1.25-2.5A @ 250Vac,  
p.f. = 0.7-0.8)
- 200A (7-8A @ 125Vac, p.f. = 1.0)
- 150A (10-15A @ 125Vac,  
p.f. = 1.0)

**Agency Information:** CE, Std. 248-14, UL Listed Guide JDYX, File E19180, 0-6A, UL Recognized, Guide JDYX2, File E19180, 7-15A, CSA Certified, Class 1422-01, File 53787, 0-6.

#### Features and Benefits

- Fast-acting for maximum protection.

#### Typical Applications

- Electronic Circuits

#### Catalog Numbers (Amps)

##### With Axial Leads

GMA-V-63-R	GMA-V-800-R	GMA-V-4-R
GMA-V-100-R	GMA-V-1-R	GMA-V-5-R
GMA-V-125-R	GMA-V-1.25-R	GMA-V-6-R
GMA-V-200-R	GMA-V-1.5-R	GMA-V-7-R
GMA-V-250-R	GMA-V-1.6-R	GMA-V-8-R
GMA-V-300-R	GMA-V-2-R	GMA-V-10-R
GMA-V-500-R	GMA-V-2.5-R	GMA-V-15-R
GMA-V-600-R	GMA-V-3.15-R	
GMA-V-750-R	GMA-V-3.5-R	

##### Without Axial Leads

GMA-63-R	GMA-800-R	GMA-4-R
GMA-100-R	GMA-1-R	GMA-5-R
GMA-125-R	GMA-1.25-R	GMA-6-R
GMA-200-R	GMA-1.5-R	GMA-7-R
GMA-250-R	GMA-1.6-R	GMA-8-R
GMA-300-R	GMA-2-R	GMA-10-R
GMA-500-R	GMA-2.5-R	GMA-15-R
GMA-600-R	GMA-3.15-R	
GMA-750-R	GMA-3.5-R	

Data Sheet: 2017

## GMC-V (axial leads)

### GMC

#### Specifications

**Description:** Medium time-delay fuse.

**Dimensions:** 5 x 20mm  
(0.197" x 0.788").

**Construction:** Glass tube, nickel-plated brass endcaps.

##### Ratings:

- Volts — 250Vac (63mA-3.15A)
- 125Vac (3.5-10A)
- 32Vdc (Self Certified)
- Amps — 63mA-10A
- IR — 35A (63mA- 1A @ 250Vac,  
p.f. = 0.7-0.8)
- 10kA (63mA-6A @ 125Vac, p.f. = 0.7-0.8)
- 100A (1.25-3.15A @ 250Vac,  
p.f. = 0.7-0.8)
- 200A (6.3-10A @ 125Vac, p.f. = 1.0)

**Agency Information:** CE, Std. 248-14, UL Listed Guide JDYX, File E19180, 0-6.3A, UL Recognized, Guide JDYX2, File E19180, 7-8A, CSA Certified, Class 1422-01, File 53787, 0-6.3A.

#### Features and Benefits

- Conforming to UL standards.

#### Typical Applications

- Electronic Circuits

#### Catalog Numbers (Amps)

##### With Axial Leads

GMC-V-63-R	GMC-V-500-R	GMC-V-2.5
GMC-V-80-R	GMC-V-600-R	GMC-V-3.15
GMC-V-100-R	GMC-V-630-R	GMC-V-3.5
GMC-V-125-R	GMC-V-750-R	GMC-V-4
GMC-V-150-R	GMC-V-800-R	GMC-V-5
GMC-V-200-R	GMC-V-1-R	GMC-V-6
GMC-V-250-R	GMC-V-1.25-R	GMC-V-6.3
GMC-V-300-R	GMC-V-1.5-R	GMC-V-7
GMC-V-315-R	GMC-V-1.6-R	GMC-V-8
GMC-V-400-R	GMC-V-2-R	GMC-V-10

##### Without Axial Leads

GMC-63mA	GMC-500-R	GMC-2.5-R
GMC-80mA	GMC-600-R	GMC-3.15-R
GMC-100mA	GMC-630-R	GMC-3.5-R
GMC-125mA	GMC-750-R	GMC-4-R
GMC-150mA	GMC-800-R	GMC-5-R
GMC-200mA	GMC-1-R	GMC-6-R
GMC-250mA	GMC-1.25-R	GMC-6.3-R
GMC-300mA	GMC-1.5-R	GMC-7-R
GMC-315mA	GMC-1.6-R	GMC-8-R
GMC-400mA	GMC-2-R	GMC-10-R

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RoHS

## GMD-V (axial leads)

### GMD

#### Specifications

**Description:** Time-delay fuse.

**Dimensions:** 5 x 20mm  
(0.197" x 0.788").

##### Construction:

Glass tube, nickel-plated brass endcaps.



RoHS

##### Ratings:

- Volts — 250Vac
- 32Vdc (Self Certified)
- Amps — 125mA-4A
- IR — 10kA (125mA-3A @ 125Vac,  
p.f. = 0.7-0.8)
- 10kA (4A @ 125Vac,  
p.f. = 1.0)
- 35A (125mA-1A @ 250Vac,  
p.f. = 0.7-0.8)
- 100A (1.2A-3.A @ 250Vac,  
p.f. = 0.7-0.8)
- 200A (4A @ 250Vac,  
p.f. = 1.0)

**Agency Information:** CE, UL Listed Guide JDYX, File E19180, 125mA-3A, UL Recognized, Guide JDYX2, File E19180, 4A, CSA Certified, Class 1422-01, File 53787, 0-4A, PSE/JET. File 1641-31003-1001, 1.2A-4A.

#### Features and Benefits

- Time-delay compatibility for inductive circuits.
- Conforming to UL standards.

#### Typical Applications

- Electronic Circuits

#### Catalog Numbers (Amps)

##### With Axial Leads

GMD-V-125-R	GMD-V-500-R	GMD-V-1.5-R
GMD-V-150-R	GMD-V-600-R	GMD-V-1.6-R
GMD-V-200-R	GMD-V-630-R	GMD-V-2-R
GMD-V-250-R	GMD-V-750-R	GMD-V-2.5-R
GMD-V-300-R	GMD-V-800-R	GMD-V-3-R
GMD-V-315-R	GMD-V-1-R	GMD-V-4-R
GMD-V-375-R	GMD-V-1.2-R	
GMD-V-400-R	GMD-V-1.25-R	

##### Without Axial Leads

GMD-125-R	GMD-500-R	GMD-1.5-R
GMD-150-R	GMD-600-R	GMD-1.6-R
GMD-200-R	GMD-630-R	GMD-2-R
GMD-250-R	GMD-750-R	GMD-2.5-R
GMD-300-R	GMD-800-R	GMD-3-R
GMD-315-R	GMD-1-R	GMD-4-R
GMD-375-R	GMD-1.2-R	
GMD-400-R	GMD-1.25-R	

Data Sheet: 2019

# 5 x 20mm North American (UL) Ferrule Fuses

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##### Construction:

Glass tube,  
nickel-plated brass  
endcaps.



RoHS

##### Ratings:

- Volts — 250Vac (63mA-2.5A)
- 125Vac (3.15-15A)
- 32Vdc (Self Certified)
- Amps — 63mA-15A
- IR — 35A (63mA- 1A @ 250Vac,  
p.f. = 0.7-0.8)
- 10kA (63mA-6A @ 125Vac,  
p.f. = 0.7-0.8)
- 100A (1.25-2.5A @ 250Vac,  
p.f. = 0.7-0.8)
- 200A (7-8A @ 125Vac, p.f. = 1.0)
- 150A (10-15A @ 125Vac,  
p.f. = 1.0)

**Agency Information:** CE, Std. 248-14, UL Listed Guide JDYX, File E19180, 0-6A, UL Recognized, Guide JDYX2, File E19180, 7-15A, CSA Certified, Class 1422-01, File 53787, 0-6.

#### Features and Benefits

- Fast-acting for maximum protection.

#### Typical Applications

- Electronic Circuits

#### Catalog Numbers (Amps)

##### With Axial Leads

GMA-V-63-R	GMA-V-800-R	GMA-V-4-R
GMA-V-100-R	GMA-V-1-R	GMA-V-5-R
GMA-V-125-R	GMA-V-1.25-R	GMA-V-6-R
GMA-V-200-R	GMA-V-1.5-R	GMA-V-7-R
GMA-V-250-R	GMA-V-1.6-R	GMA-V-8-R
GMA-V-300-R	GMA-V-2-R	GMA-V-10-R
GMA-V-500-R	GMA-V-2.5-R	GMA-V-15-R
GMA-V-600-R	GMA-V-3.15-R	
GMA-V-750-R	GMA-V-3.5-R	

##### Without Axial Leads

GMA-63-R	GMA-800-R	GMA-4-R
GMA-100-R	GMA-1-R	GMA-5-R
GMA-125-R	GMA-1.25-R	GMA-6-R
GMA-200-R	GMA-1.5-R	GMA-7-R
GMA-250-R	GMA-1.6-R	GMA-8-R
GMA-300-R	GMA-2-R	GMA-10-R
GMA-500-R	GMA-2.5-R	GMA-15-R
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GMA-750-R	GMA-3.5-R	

Data Sheet: 2017

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#### Specifications

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**Construction:** Glass tube, nickel-plated brass endcaps.

##### Ratings:

- Volts — 250Vac (63mA-3.15A)
- 125Vac (3.5-10A)
- 32Vdc (Self Certified)
- Amps — 63mA-10A
- IR — 35A (63mA- 1A @ 250Vac,  
p.f. = 0.7-0.8)
- 10kA (63mA-6A @ 125Vac, p.f. = 0.7-0.8)
- 100A (1.25-3.15A @ 250Vac,  
p.f. = 0.7-0.8)
- 200A (6.3-10A @ 125Vac, p.f. = 1.0)

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#### Features and Benefits

- Conforming to UL standards.

#### Typical Applications

- Electronic Circuits

#### Catalog Numbers (Amps)

##### With Axial Leads

GMC-V-63-R	GMC-V-500-R	GMC-V-2.5
GMC-V-80-R	GMC-V-600-R	GMC-V-3.15
GMC-V-100-R	GMC-V-630-R	GMC-V-3.5
GMC-V-125-R	GMC-V-750-R	GMC-V-4
GMC-V-150-R	GMC-V-800-R	GMC-V-5
GMC-V-200-R	GMC-V-1-R	GMC-V-6
GMC-V-250-R	GMC-V-1.25-R	GMC-V-6.3
GMC-V-300-R	GMC-V-1.5-R	GMC-V-7
GMC-V-315-R	GMC-V-1.6-R	GMC-V-8
GMC-V-400-R	GMC-V-2-R	GMC-V-10

##### Without Axial Leads

GMC-63mA	GMC-500-R	GMC-2.5-R
GMC-80mA	GMC-600-R	GMC-3.15-R
GMC-100mA	GMC-630-R	GMC-3.5-R
GMC-125mA	GMC-750-R	GMC-4-R
GMC-150mA	GMC-800-R	GMC-5-R
GMC-200mA	GMC-1-R	GMC-6-R
GMC-250mA	GMC-1.25-R	GMC-6.3-R
GMC-300mA	GMC-1.5-R	GMC-7-R
GMC-315mA	GMC-1.6-R	GMC-8-R
GMC-400mA	GMC-2-R	GMC-10-R

Data Sheet: 4395



RoHS

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GMD-V-200-R	GMD-V-630-R	GMD-V-2-R
GMD-V-250-R	GMD-V-750-R	GMD-V-2.5-R
GMD-V-300-R	GMD-V-800-R	GMD-V-3-R
GMD-V-315-R	GMD-V-1-R	GMD-V-4-R
GMD-V-375-R	GMD-V-1.2-R	
GMD-V-400-R	GMD-V-1.25-R	

##### Without Axial Leads

GMD-125-R	GMD-500-R	GMD-1.5-R
GMD-150-R	GMD-600-R	GMD-1.6-R
GMD-200-R	GMD-630-R	GMD-2-R
GMD-250-R	GMD-750-R	GMD-2.5-R
GMD-300-R	GMD-800-R	GMD-3-R
GMD-315-R	GMD-1-R	GMD-4-R
GMD-375-R	GMD-1.2-R	
GMD-400-R	GMD-1.25-R	

Data Sheet: 2019