

# ATM Equivalent – Low Voltage Miniature Automotive, Fast Acting

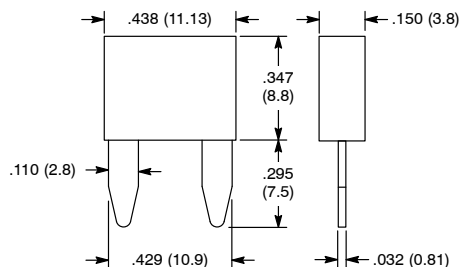
## Features

- Miniature Blade Type
- RoHS Compliant



NTE Type No.	Rated Current	Color Code	Diag No.
74-MAF2A	2A	Gray	F-05
74-MAF3A	3A	Violet	F-05
74-MAF4A	4A	Pink	F-05
74-MAF5A	5A	Tan	F-05
74-MAF7.5A	7.5A	Brown	F-05
74-MAF10A	10A	Red	F-05
74-MAF15A	15A	Blue	F-05
74-MAF20A	20A	Yellow	F-05
74-MAF25A	25A	Natural	F-05
74-MAF30A	30A	Green	F-05

## F-05



## Specifications

Rated Voltage: 32V

Time Current Characteristics:

% of Ampere Rating	Opening Time
110%	100 hours min.
135%	0.75 – 1800 seconds
200%	0.15 – 5 seconds
300%	0.08 – 0.25 seconds

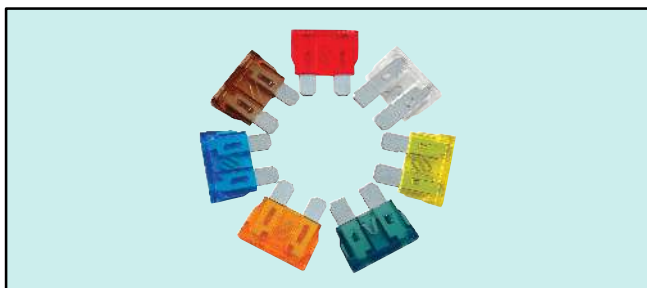
Accessories:

Description	NTE Type No.
In-Line Fuse Holder, up to 15A	74-IFHMA15
In-Line Fuse Holder, up to 30A	74-IFHMA30
In-Line Fuse Holder w/LED Light, up to 15A	74-IFHMAL15
In-Line Fuse Holder w/LED Light, up to 30A	74-IFHMAL30

# ATC Equivalent - Low Voltage Automotive, Fast Acting

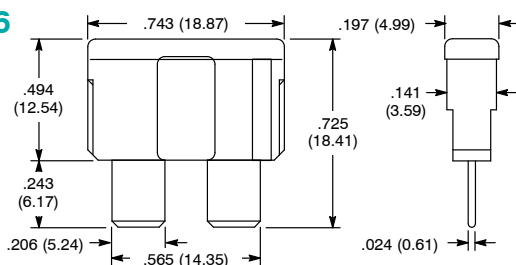
## Features

- Fast Acting
- RoHS Compliant



NTE Type No.	Rated Current	Color Code	Diag No.
74-AF1A	1A	Black	F-06
74-AF2A	2A	Gray	F-06
74-AF3A	3A	Violet	F-06
74-AF4A	4A	Pink	F-06
74-AF5A	5A	Tan	F-06
74-AF7.5A	7.5A	Brown	F-06
74-AF10A	10A	Red	F-06
74-AF15A	15A	Blue	F-06
74-AF20A	20A	Yellow	F-06
74-AF25A	25A	Natural	F-06
74-AF30A	30A	Green	F-06

## F-06



## Specifications

Rated Voltage: 32V

Time Current Characteristics:

% of Ampere Rating	Opening Time
110%	100 hours min.
135%	0.75 – 1800 seconds
200%	0.15 – 5 seconds
300%	0.08 – 0.25 seconds

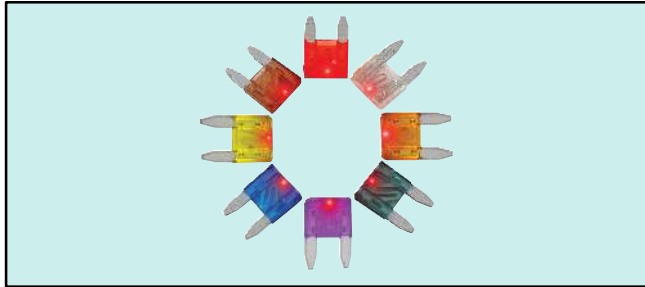
Accessories:

Description	NTE Type No.
In-Line Fuse Holder, up to 15A	74-IFHA15
In-Line Fuse Holder, up to 30A	74-IFHA30
In-Line Fuse Holder w/LED Light, up to 15A	74-IFHAL15
In-Line Fuse Holder w/LED Light, up to 30A	74-IFHAL30

# ATM\_ID Equivalent - Low Voltage, Fast Acting, Miniature Automotive with LED Indicator

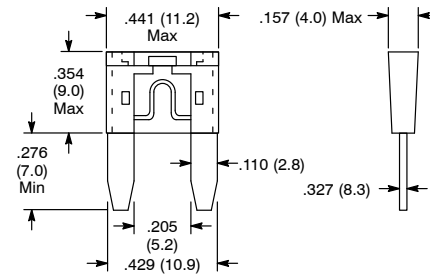
## Features

- Long Life (1000 hrs min.) LED Indicator lights when fuse is blown
- Miniature Blade Type
- RoHS Compliant



NTE Type No.	Rated Current	Color Code	Diag No.
74-LMAF3A	3A	Violet	F-12
74-LMAF5A	5A	Tan	F-12
74-LMAF7.5A	7.5A	Brown	F-12
74-LMAF10A	10A	Red	F-12
74-LMAF15A	15A	Blue	F-12
74-LMAF20A	20A	Yellow	F-12
74-LMAF25A	25A	Natural	F-12
74-LMAF30A	30A	Green	F-12

## F-12



## Specifications

**Rated Voltage:** 32V

**LED Voltage Rating:** 12VDC, 24VDC, 32VDC

**LED Lifetime:** around 1000 hours at +60°C. The resin won't be melted under +130°C.

**Time Current Characteristics:**

% of Ampere Rating	Opening Time
110%	100 hours min.
135%	0.75 – 1800 seconds
200%	0.15 – 5 seconds
350%	0.08 – 0.25 seconds

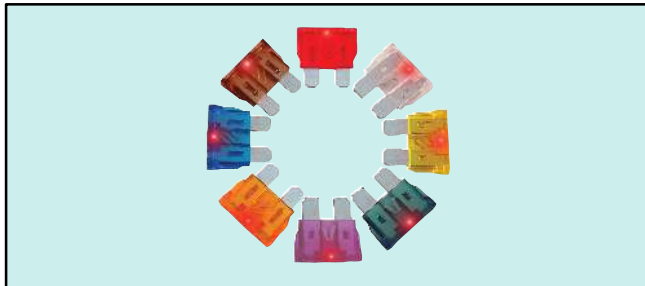
**Accessories:**

Description	NTE Type No.
In-Line Fuse Holder, up to 15A	74-IFHMA15
In-Line Fuse Holder, up to 30A	74-IFHMA30
In-Line Fuse Holder w/LED Light, up to 15A	74-IFHMAL15
In-Line Fuse Holder w/LED Light, up to 30A	74-IFHMAL30

# ATC\_ID Equivalent - Low Voltage, Fast Acting, Automotive with LED Indicator

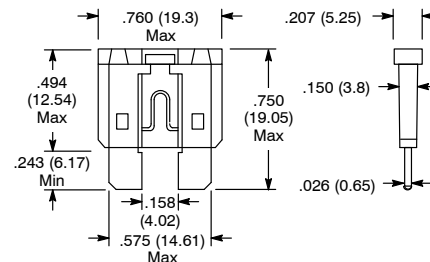
## Features

- Long Life (1000 hrs min.) LED Indicator lights when fuse is blown
- RoHS Compliant



NTE Type No.	Rated Current	Color Code	Diag No.
74-LAF3A	3A	Violet	F-13
74-LAF5A	5A	Tan	F-13
74-LAF7.5A	7.5A	Brown	F-13
74-LAF10A	10A	Red	F-13
74-LAF15A	15A	Blue	F-13
74-LAF20A	20A	Yellow	F-13
74-LAF25A	25A	Natural	F-13
74-LAF30A	30A	Green	F-13

## F-13



## Specifications

**Rated Voltage:** 32V

**LED Voltage Rating:** 12VDC, 24VDC, 32VDC

**LED Lifetime:** around 1000 hours at +60°C. The resin won't be melted under +130°C.

**Time Current Characteristics:**

% of Ampere Rating	Opening Time
110%	100 hours min.
135%	0.75 seconds min.
200%	0.15 seconds min.
350%	0.08 seconds min.

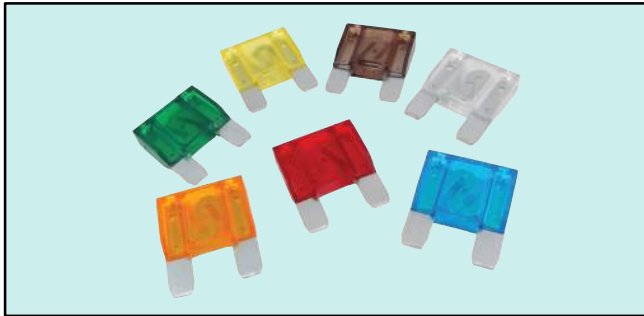
**Accessories:**

Description	NTE Type No.
In-Line Fuse Holder, up to 15A	74-IFHA15
In-Line Fuse Holder, up to 30A	74-IFHA30
In-Line Fuse Holder w/LED Light, up to 15A	74-IFHAL15
In-Line Fuse Holder w/LED Light, up to 30A	74-IFHAL30

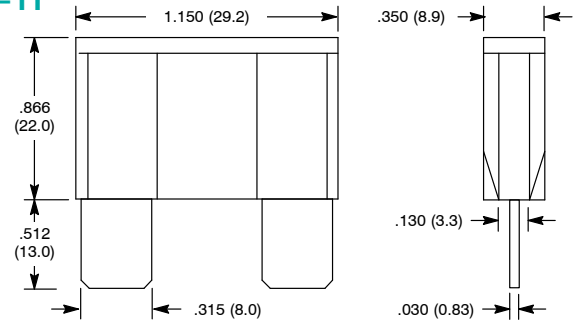
# MAX Equivalent – Low Voltage Max Automotive, Fast Acting

## Features

- Fast Acting
- RoHS Compliant



## F-11



NTE Type No.	Rated Current	Color Code	Diag No.
74-XAF20A	20A	Yellow	F-11
74-XAF30A	30A	Green	F-11
74-XAF40A	40A	Orange	F-11
74-XAF50A	50A	Red	F-11
74-XAF60A	60A	Blue	F-11
74-XAF70A	70A	Tan	F-11
74-XAF80A	80A	Natural	F-11

## Specifications

Rated Voltage: 42V

Time Current Characteristics:

% of Ampere Rating	Opening Time
110%	100 hours min.
135%	3600 seconds max.
200%	120 seconds max.

Accessories:

Description	NTE Type No.
In-Line Fuse Holder, up to 60A	74-IFHXC60
Fuse Holder, up to 60A	74-FHX

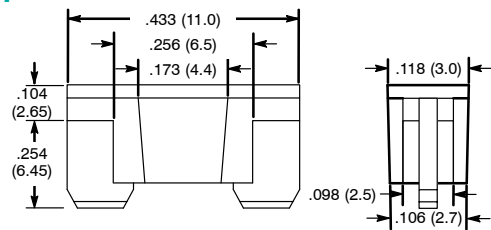
# Low Profile Mini Fuse

## Features

- Miniature Blade Type



## F-14



NTE Type No.	Rated Current	Color Code	Diag No.
74-LPM-2A	2A	Gray	F-14
74-LPM-3A	3A	Violet	F-14
74-LPM-4A	4A	Pink	F-14
74-LPM-5A	5A	Tan	F-14
74-LPM-7.5A	7.5A	Brown	F-14
74-LPM-10A	10A	Red	F-14
74-LPM-15A	15A	Blue	F-14
74-LPM-20A	20A	Yellow	F-14
74-LPM-25A	25A	Clear	F-14

## Specifications

Rated Voltage: 32V

Time Current Characteristics:

% of Ampere Rating	Opening Time
110%	100 hours min.
135%	0.75 – 1800 seconds
200%	0.15 – 5 seconds
350%	0.08 – 0.25 seconds max.

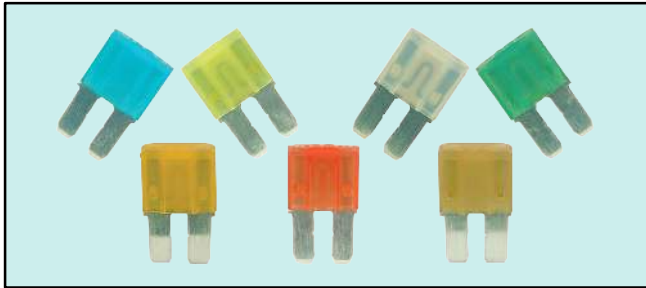
Accessories:

Description	NTE Type No.
Fuse Circuit Tap for Low Profile Mini Blade Fuses	74-AFT3

# Micro II BLADE

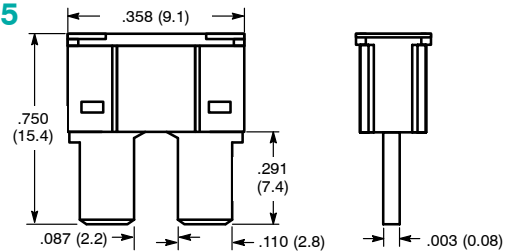
## Features

- Miniature Blade Type



NTE Type No.	Rated Current	Color Code	Diag No.
74-MIC2-5A	5A	Tan	F-15
74-MIC2-7.5A	7.5A	Brown	F-15
74-MIC2-10A	10A	Red	F-15
74-MIC2-15A	15A	Blue	F-15
74-MIC2-20A	20A	Yellow	F-15
74-MIC2-25A	25A	Clear	F-15
74-MIC2-30A	30A	Green	F-15

F-15



## Specifications

Rated Voltage: 32V

Time Current Characteristics:

% of Ampere Rating	Opening Time
110%	100 hours min.
135%	0.75 – 1800 seconds
200%	0.15 – 5 seconds
350%	0.08 – 0.25 seconds max.

Accessories:

Description	NTE Type No.
Fuse Circuit Tap for Micro-2 Blade Fuses	74-ATF4

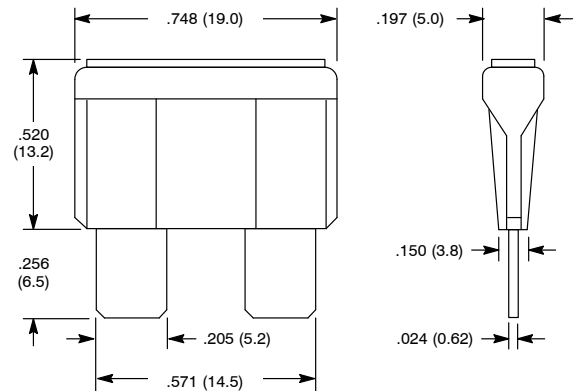
# ATO<sup>®</sup> Style - High Voltage Automotive, Fast Acting

## Features

- Fast Acting
- 80V Rating is Applicable for Electric Vehicles and Charging Stations
- UL-94-V0, Heat Resistant
- RoHS Compliant



F-16



## Specifications

Rated Voltage: 80V

Interrupting Rating: 1000A at 80VDC

Time Current Characteristics:

% of Ampere Rating	Opening Time, Min / Max (s)
110%	360,000 s / -
150%	0.500 s / 300 s
200%	0.150 s / 20 s
350%	0.040 s / 0.500 s
600%	0.020 s / 0.100 s

Accessories:

Description	NTE Type No.
Fuse Holder, up to 30A	74-IFHAC30

	NTE Type No.	Rated Current	Color Code	Diag No.
NEW	74-AFP1A	1A	Black	F-16
NEW	74-AFP2A	2A	Gray	F-16
NEW	74-AFP3A	3A	Violet	F-16
NEW	74-AFP5A	5A	Tan	F-16
NEW	74-AFP7.5A	7.5A	Brown	F-16
NEW	74-AFP10A	10A	Red	F-16
NEW	74-AFP15A	15A	Blue	F-16
NEW	74-AFP20A	20A	Yellow	F-16
NEW	74-AFP25A	25A	Clear	F-16
NEW	74-AFP30A	30A	Green	F-16
NEW	74-AFP35A	35A	Purple	F-16
NEW	74-AFP40A	40A	Orange	F-16