

Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from, Europe, America and south Asia, supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts, Customers Priority, Honest Operation, and Considerate Service", our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip, ALPS, ROHM, Xilinx, Pulse, ON, Everlight and Freescale. Main products comprise IC, Modules, Potentiometer, IC Socket, Relay, Connector. Our parts cover such applications as commercial, industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



# Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China









# MIL-F-15160/01 to /77 military qualified product listed fuses for instruments, power and telephone

#### Introduction

Tables on the following pages contain the Bussmann<sup>™</sup> series catalog numbers applicable to MIL-F-15160.

Status of MIL-F-15160 military standards NOT contained in the tables are summarized on the last page.

#### Ordering silver plated fuse caps

When silver-plated fuse caps are required, simply place the suffix letter "S" to the Type Designation Number. E.g., "F02A250V1/2A§" except as noted in the first two disclaimers below.

#### **Disclaimers**

The following disclaimers are noted for specific catalog numbers throughout this data sheet.

- Indicates a product not available with silverplated caps.
- \*\* Indicates a product available only with silverplated caps.
- † Commercial equivalent catalog number is for basic design reference only. Not intended to be used as a substitute for the military catalog number.
- †† Only available in bulk pack configuration.



#### MIL-F-15160/01; 1/4" x 1" fuses

Catalog no. (amps)	Volts	Commercial version†
F01A250V1/2A	250	
F01A125V6/10A*		_
F01A125V3/4A	-	
F01A125V8/10A	-	
F01A125V1A	-	
F01A125V1-1/4A	-	
F01A125V1-1/2A	-	AGX <sup>1</sup>
F01A125V1-6/10A*	125	AGX.
F01A125V2A	-	
F01A125V2-1/2A	-	
F01A125V3A	-	
F01A125V3-2/10A	-	
F01A125V4A	-	
F01A125V5A	-	

<sup>1</sup> See data sheet no. 2041.

#### MIL-F-15160/02; 1/4" x 1-1/4" fuses

Catalog no. (amps)	Volts	Commercial version†
F02A250V1/2A		
F02A250V6/10AS**		
F02A250V3/4A		
F02A250V1A	_	
F02A250V1-1/4A	_	
F02A250V1-1/2A	_	
F02A250V1-6/10A	250	
F02A250V2A	_	
F02A250V2-1/2A	_	
F02A250V3A	-	
F02A250V4A	-	A C C 1
F02A250V5A	-	AGC <sup>1</sup>
F02A250V6A	_	
F02A125V8A	105	_
F02A125V10A	- 125	
F02A32V15A		_
F02A32V20A	-	
F02A32V25A	-	
F02A32V30A	32	
=02B32V8A	-	
=02B32V10A	-	
F02B32V15A	-	
F02B250V15/100A		
F02B250V2/10A	-	
F02B250V1/4A	-	
F02B250V3/10A**, ††	_	
=02B250V3/8A*, ††	-	
F02B250V1/2A	_	
F02B250V6/10A*	-	
F02B250V7/10A	-	
F02B250V3/4A ††	=	
F02B250V8/10A	- 250	
	-	
F02B250V1A	-	$MDL^2$
F02B250V1-1/4A	-	
F02B250V1-1/2A	=	
F02B250V1-6/10A	-	
F02B250V2A	-	
F02B250V2-1/2A	-	
F02B250V2-8/10S**	-	
F02B250V3A		_
F02B125V4A	_	
F02B125V5A	- 125	
F02B125V6-1/4A	_	
F02B125V7A		

MIL-F-15160/03; 1/4"x 1-1/4" fuses

Commercial

Catalog no. (amps)	Volts	version†
F03A250V1A		
F03A250V1-1/4A	_	
F03A250V1-1/2A	_	
F03A250V2A	_	
F03A250V3A		
F03A250V4A	- 250	
F03A250V5A	- 250	
F03A250V6A		ABC <sup>1</sup>
F03A250V8A	_	
F03A250V10A		
F03A250V12A	_	
F03A250V15A		_
F03A125V20A		
F03A125V25A	125	
F03A125V30A		
F03B250V1/10A	_	
F03B250V1/8A	_	
F03B250V15/100A	_	
F03B250V3/16A	_	
F03B250V1/4A	_	
F03B250V3/10A*		
F03B250V3/8A	_	
F03B250V1/2A	_	
F03B250V3/4A		
F03B250V8/10A*	250	
F03B250V1A		
F03B250V1-1/4A	_	
F03B250V1-1/2A	_	
F03B250V1-6/10A	_	
F03B250V2A	_	MDA <sup>2</sup>
F03B250V2-1/2A*	_	IVIDA
F03B250V2-8/10A*	_	
F03B250V3A	_	
F03B250V3-2/10A		_
F03B125V4A	_	
F03B125V5A	_	
F03B125V6-1/4A		
F03B125V7A	_	
F03B125V8A		
F03B125V10A	125	
F03B125V12A	_	
F03B125V15A	_	
F03B125V20A	=	
F03B125V25A	_	
F03B125V30A		
1 See data sheet no.	2000.	
2 See data sheet no.		
2 000 uata SHEEL HO.	2002.	

<sup>\*</sup> Indicates a product not available with silver-plated caps.

 $<sup>\</sup>ensuremath{^{**}}$  Indicates a product available only with silver-plated caps.

t Commercial equivalent catalog number is for basic design reference only. Not intended to be used as a substitute for the military catalog number.

<sup>††</sup> Only available in bulk pack configuration.

#### MIL-F-15160/09; 13/32" x 1-1/2" fuses

Catalog no. (amps)	Volts	Commercial version†
F09A250V1A		
F09A250V2A	_	
F09A250V3A	_	
F09A250V3-1/2A	_	
F09A250V4AS**	_	
F09A250V5A	_	
F09A250V6A	_	
F09A250V6-1/4AS**	250	BAF <sup>1</sup>
F09A250V7A	_	
F09A250V8A	_	
F09A250V10A	_	
F09A250V15A	_	
F09A250V20A	_	
F09A250V25A	_	
F09A250V30A	_	
F09B250V2/10A	_	FNM²
F09B250V3/10AS**		
F09B250V4/10A*	_	
F09B250V1/2A*		
F09B250V8/10A*		
F09B250V1A		
F09B250V1-6/10A*		
F09B250V2A	250	
F09B250V2-1/2A	- 250	
F09B250V3-2/10A	_	
F09B250V3-1/2AS**	_	
F09B250V4A*		
F09B250V5A	_	
F09B250V6-1/4A		
F09B250V8A*	_	
F09B250V10A		_
F09B125V15A	125	_
F09B32V20A*	22	_
F09B32V25A**	- 32	

Catalog no. (amps)	Volte	Commercial
F10A250V1AS**	VOICS	VCISIOIII
F10A250V2A	_	
F10A250V3AS**	_	
F10A250V5A	_	
F10A250V6AS**	- 250	
F10A250V8AS**	_	MIC <sup>1</sup>
F10A250V10A*	_	
F10A250V15A	_	
F10A125V20AS**	105	-
F10A125V30A*	- 125	
See data sheet no MIL-F-15160/15; 9. Catalog no. (amps)	/16" x 2	
WIL-F-15160/15; 9.	/16" x 2	2" fuses  Commercial
MIL-F-15160/15; 9 Catalog no. (amps)	/16" x 2	2" fuses  Commercial
MIL-F-15160/15; 9.  Catalog no. (amps) F15A250V1A	/16" x 2	2" fuses  Commercial
Catalog no. (amps) F15A250V1A F15A250V2A F15A250V3A	/16" x 2	2" fuses  Commercial
Catalog no. (amps) F15A250V1A F15A250V2A F15A250V3A F15A250V5A	Volts	2" fuses  Commercial version†
Catalog no. (amps) F15A250V1A F15A250V2A F15A250V3A F15A250V5A F15A250V6A	/16" x 2	2" fuses  Commercial
<b>Catalog no. (amps)</b> F15A250V1A F15A250V2A	Volts	2" fuses  Commercial version†
Catalog no. (amps) F15A250V1A F15A250V2A F15A250V3A F15A250V5A F15A250V6A F15A250V10A	Volts	2" fuses  Commercial version†
Catalog no. (amps) F15A250V1A F15A250V2A F15A250V3A F15A250V5A F15A250V6A F15A250V10A F15A250V15A	Volts	2" fuses  Commercial version†
Catalog no. (amps) F15A250V1A F15A250V2A F15A250V3A F15A250V5A F15A250V6A F15A250V10A F15A250V15A F15A250V20A	Volts	2" fuses  Commercial version†
Catalog no. (amps) F15A250V1A F15A250V2A F15A250V3A F15A250V5A F15A250V6A F15A250V10A F15A250V15A F15A250V20A F15A250V20A	Volts	2" fuses  Commercial version†
Catalog no. (amps) F15A250V1A F15A250V2A F15A250V3A F15A250V5A F15A250V6A F15A250V10A F15A250V15A F15A250V20A F15A250V20A F15A250V25A F15A250V30A	Volts	2" fuses  Commercial version†

250

FRN-R1

F15BR replaced F15B in October 1990.

F15BR250V8A

F15BR250V10A

F15BR250V12A F15BR250V15A F15BR250V20A

F15BR250V25A

F15BR250V30A

#### MIL-F-15160/16; 13/16" x 3" fuses

Catalog no. (amps)	Volts	Commercial version†
F16A250V35A		
F16A250V40A	-	
F16A250V45A*	250	N/A
F16A250V50A*	-	
F16A250V60A		
F16BR250V35A*		
F16BR250V40A	_	
F16BR250V45A*	250	FRN-R <sup>1</sup>
F16BR250V50A	-	
F16BR250V60A		
F16BR replaced F16B	in Octo	ber 1990.

1 See data sheet no. 1019.

#### MIL-F-15160/19; 1" x 5-7/8" fuses

Catalog no. (amps)	Volts	Commercial version†
F19BR250V70A		
F19BR250V90A	250	FRN-R <sup>1</sup>
F19BR250V100A		
F19BR replaced F19B	in Octo	ber 1990.

1 See data sheet no. 1020.

#### MIL-F-15160/20; 1-1/2" x 7-1/8" fuses

Catalog no. (amps)	Volts	Commercial version†
F20BR250V110A*		
F20BR250V125A*	_	
F20BR250V150A*	250	FRN-R <sup>1</sup>
F20BR250V175A	-	
F20BR250V200A		
F20BR replaced F20B	3 in Octo	ober 1990.

1 See data sheet no. 1020.

2 See data sheet no. 2028.

<sup>1</sup> See data sheet no. 1019.

<sup>\*</sup> Indicates a product not available with silver-plated caps.

<sup>\*\*</sup> Indicates a product available only with silver-plated caps.

<sup>†</sup> Commercial equivalent catalog number is for basic design reference only. Not intended to be used as a substitute for the military catalog number.

#### MIL-F-15160/60; 13/32" x 1-1/2" fuses

Catalog no. (amps)	Volts	Commercial version†
F60C500V1/8A		
F60C500V1/4A		
F60C500V1/2A		
F60C500V3/4A		
F60C500V1A		
F60C500V1-1/2AS*		
F60C500V2A		
F60C500V3A		
F60C500V4A		
F60C500V5A	500	$KLM^1$
F60C500V6A		
F60C500V7AS**		
F60C500V8A		
F60C500V10A		
F60C500V12AS**		
F60C500V15A		
F60C500V20A		
F60C500V25A		
F60C500V30A		

1 See data sheet no. 2020.

#### MIL-F-15160/61; 9/16" x 2" fuses

Catalog no. (amps)	Volts	Commercial version†
F61C500V1A		
F61C500V2A	-	
F61C500V3A		
F61C500V5A		
F61C500V6A	-	
F61C500V8A	500	KLC
F61C500V10A	-	
F61C500V15A	-	
F61C500V20A		
F61C500V25A	-	
F61C500V30A	-	

## MIL-F-15160/62; 13/16" x 3" fuses

Catalog no. (amps)	Volts	Commercial version†
F62C500V35A		
F62C500V40A		
F62C500V45A	500	KLC
F62C500V50A		
F62C500V60A		

## MIL-F-15160/63; 1" x 5-7/8" fuses

Catalog no. (amps)	Volts	Commercial version†
F63C500V70A		
F63C500V80A	500	N/A
F63C500V100A	-	

#### MIL-F-15160/64; 1-1/2" x 7-1/8" fuses

Catalog no. (amps)	Volts	Commercial version†
F64C500V110A		
F64C500V125A*	-	
F64C500V150AS**	500	N/A
F64C500V175AS**		
F64C500V200A		

#### MIL-F-15160/65; 2" x 8-5/8" fuses

Catalog no. (amps)	Volts	Commercial version†
F65C500V225AS**		
F65C500V400A	500	N/A

#### MIL-F-15160/66; 2-1/2" x 11-5/8" fuses

Catalog no. (amps)	Volts	Commercial version†
E66C500\/600A		

<sup>\*</sup> Indicates a product not available with silver-plated caps.

<sup>\*\*</sup> Indicates a product available only with silver-plated caps.

<sup>†</sup> Commercial equivalent catalog number is for basic design reference only. Not intended to be used as a substitute for the military catalog number.

#### Status of MIL-F-15160 military standards not contained in this data sheet

Military standard	Status
MIL-F-15160/05	F05A and F05B cancelled without replacement on January 1976.
MIL-F-15160/06	F06A and F06B are inactive for new design after January 1970. Non-military equivalent is ABS.
MIL-F-15160/07	F07A and F07B are inactive for new design after January 1970. Non-military equivalent is AGU.
MIL-F-15160/27	F27A is inactive for new design after December 1990.
MIL-F-15160/28	F28A is inactive for new design after December 1990.
MIL-F-15160/29	F29A is inactive for new design after December 1990.
MIL-F-15160/30	F30A is inactive for new design after December 1990.
MIL-F-15160/36	F36A and F36B are inactive for new design after December 1990.
MIL-F-15160/37	F37A and F37B are inactive for new design after December 1990.
MIL-F-15160/38	F38A and F38B are inactive for new design after December 1990.
MIL-F-15160/39	F39A and F39B are inactive for new design after December 1990.
MIL-F-15160/40	F40A and F40B are inactive for new design after December 1990.
MIL-F-15160/50	F50A was cancelled without replacement on June 2000.
MIL-F-15160/52	F52A was cancelled without replacement on January 1990.
MIL-F-15160/67	F67A was cancelled without replacement on October 1986.
MIL-F-15160/70	F70A was cancelled without replacement on October 1990.
MIL-F-15160/71	F71A was cancelled without replacement on October 1990.
MIL-F-15160/72	F72A was cancelled without replacement on January 1990.
MIL-F-15160/73	F73A was cancelled without replacement on January 1990.
MIL-F-15160/74	F74A was cancelled without replacement on January 1990.
MIL-F-15160/76	F76A was cancelled without replacement on January 1990.
MIL-F-15160/77	F77A was cancelled without replacement on June 2000.

The only controlled copy of this data sheet is the electronic read-only version located on the Eaton network drive. All other copies of this document are by definition uncontrolled. This bulletin is intended to clearly present comprehensive product data and provide technical information that will help the end user with design applications. Eaton reserves the right, without notice, to change design or construction of any products and to discontinue or limit distribution of any products. Eaton also reserves the right to change or update, without notice, any technical information contained in this bulletin. Once a product has been selected, it should be tested by the user in all possible applications.

#### Eaton

1000 Eaton Boulevard Cleveland, OH 44122 Eaton.com

Bussmann Division 114 Old State Road Ellisville, MO 63021 United States Eaton.com/bussmannseries

© 2017 Eaton All Rights Reserved Printed in USA Publication No. 2089 — BU-SB08840 January 2017 product information, call 1-855-287-7626 or visit: Eaton.com/bussmannseries

For Eaton's Bussmann series

Follow us on social media to get the latest product and support information.











Eaton and Bussmann are valuable trademarks of Eaton in the U.S. and other countries. You are not permitted to use the Eaton trademarks without prior written consent of Eaton.