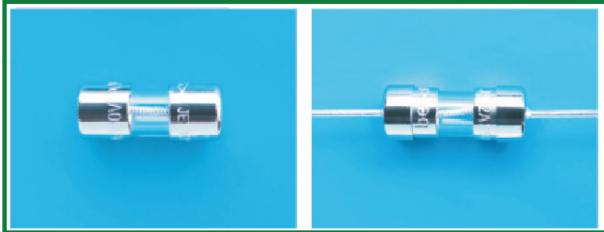


Type 2JS / 3JS Time-lag Fuse Series

5 x 15mm Glass Tube
RoHS 6 Compliant

HF Pb 2JS / 3JS Series, 5 x 15mm Time-lag Fuse



Description

5x15 mm Time-lag ,glass tube body cartridge fuse designed, approved and complied with UL and CSA standard 248-14.

Electrical Characteristics (UL / CSA STD.248-14)

Testing current	Blow Time	
	Minimum	Maximum
100%	4 hrs.	N/A
135%	N/A	1 hr
200%	3 sec	20 sec
500%	100 msec	1.5 sec
1000%	30 msec	300 msec

Features

- Meet UL and CSA standard 248-14
- Wide operating temperature range
- Bulk and Tape & Reel packing available
- RoHS6 compliant
- Halogen Free
- Leadfree

Applications

Provide individual protection for components or internal circuits.

- Power Supplies
- Battery charger
- Monitor
- Adapter

LEAD FREE =

HALOGEN FREE =

Safety Agency Approvals

SAFETY AGENCY	SAFETY AGENCY CERTIFICATE NUMBER	AMPERE RANGE / VOLT @ I.R.ABILITY
	E20624	100mA - 7A / 350V AC @100A 100mA - 7A / 125V AC @10,000A 100mA - 7A / 140V DC @150A
	LR39772	100mA - 7A / 350V AC @100A 100mA - 7A / 125V AC @10,000A
	JET 1037-31003-1010 JET 1037-31003-1011	1A - 5A / 125V AC @500A
	JET 1037-31003-1007	>5A - 15A / 125V AC @300A
		100mA - 7A / 350V AC @100A 100mA - 7A / 125V AC @10,000A 100mA - 7A / 140V DC @150A

Specifications subject to change without notice

Type 2JS / 3JS Time-lag Fuse Series

5 x 15 mm Glass Tube
RoHS 6 Compliant



bel

JS May2012D

Electrical Specifications

Catalog Number	Ampere Rating	Typical Cold Resistance (ohm)	Volt-drop @100% In (Volt) Max.	Voltage Rating (V)	Interrupting Rating	Melting I2T <10 m Sec (A2 Sec)	Melting I2T @ 10 In (A2 Sec)	Maximum Power Dissipation (W)	Agency Approvals				
JS 100-R	100mA	13.5	2.42	350	100mA - 7A / 350V AC @100A	0.068	0.088	0.22	Y	Y		Y	
JS 125-R	125mA	7.7	1.68	350		0.107	0.138	0.24	Y	Y		Y	
JS 150-R	150mA	5.6	1.56	350		0.167	0.216	0.27	Y	Y		Y	
JS 200-R	200mA	3.5	1.20	350		0.26	0.34	0.30	Y	Y		Y	
JS 250-R	250mA	2.3	0.96	350		0.41	0.53	0.34	Y	Y		Y	
JS 300-R	300mA	1.5	0.78	350		0.64	0.83	0.36	Y	Y		Y	
JS 350-R	350mA	1.1	0.67	350		0.80	1.0	0.40	Y	Y		Y	
JS 400-R	400mA	0.86	0.59	350		0.99	1.3	0.42	Y	Y		Y	
JS 500-R	500mA	0.62	0.53	350		1.6	2.0	0.47	Y	Y		Y	
JS 600-R	600mA	0.44	0.53	350		2.2	2.3	0.49	Y	Y		Y	
JS 700-R	700mA	0.32	0.42	350		3.0	4.0	0.54	Y	Y		Y	
JS 750-R	750mA	0.28	0.38	350		100mA - 7A / 125V AC @10,000A	3.0	4.0	0.55	Y	Y		Y
JS 800-R	800mA	0.23	0.37	350		5.0	7.0	0.60	Y	Y		Y	
JS 1-R	1A	0.19	0.36	350		100mA - 7A / 140V DC @150A	5.9	7.8	0.64	Y	Y	Y	Y
JS 1.25-R	1.25A	0.13	0.30	350		9.3	12	0.71	Y	Y	Y	Y	
JS 1.5-R	1.5A	0.094	0.23	350		15	19	0.80	Y	Y	Y	Y	
JS 2-R	2A	0.063	0.22	350		23	30	0.89	Y	Y	Y	Y	
JS 2.5-R	2.5A	0.046	0.21	350		35	46	0.99	Y	Y	Y	Y	
JS 3-R	3A	0.037	0.19	350		55	72	1.10	Y	Y	Y	Y	
JS 3.5-R	3.5A	0.030	0.18	350		69	91	1.16	Y	Y	Y	Y	
JS 4-R	4A	0.026	0.18	350	86	114	1.22	Y	Y	Y	Y		
JS 5-R	5A	0.018	0.16	350	135	179	1.36	Y	Y	Y	Y		
JS 6-R	6A	0.015	0.16	350	211	279	1.51	Y	Y	Y	Y		
JS 7-R	7A	0.012	0.15	350	263	350	1.60	Y	Y	Y	Y		

Consult manufacturer for other ratings

CORPORATE OFFICE

Bel Fuse Inc.
206 Van Vorst Street
Jersey City, NJ 07302
Tel 201-432-0463
Fax 201-432-9542
E-Mail: belfuse@belf.com
Website: www.belfuse.com

FAR EAST OFFICE

Bel Fuse Ltd.
8/F Luk Hop Industrial Building
8 Luk Hop Street
San Po Kong
Kowloon, Hong Kong
Tel 852-2328-5515
Fax 852-2352-3706

EUROPE OFFICE

Bel Fuse Europe Ltd.
Preston Technology Management Centre
Marsh Lane, Suite F15
Preston, Lancashire, PR1 8UQ
United Kingdom
Tel 44-1772-556601
Fax 44-1772-561008

EUROPE

Bel Stewart GmbH
Industriestrasse 20
61381 Friedrichsdorf
Germany
Tel 49-6172-9552-0
Fax 49-6172-9552-40

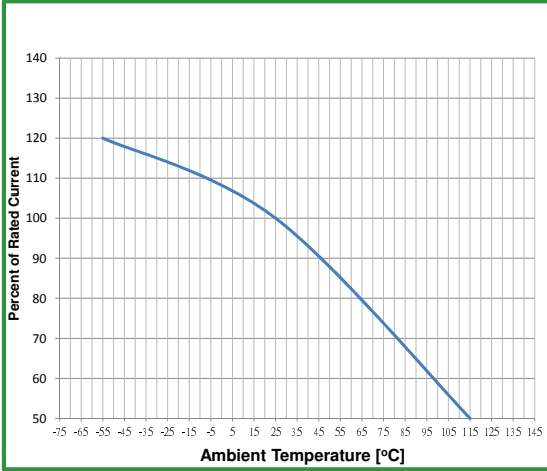
Type 2JS / 3JS Time-lag Fuse Series

5 x 15 mm Glass Tube
RoHS 6 Compliant

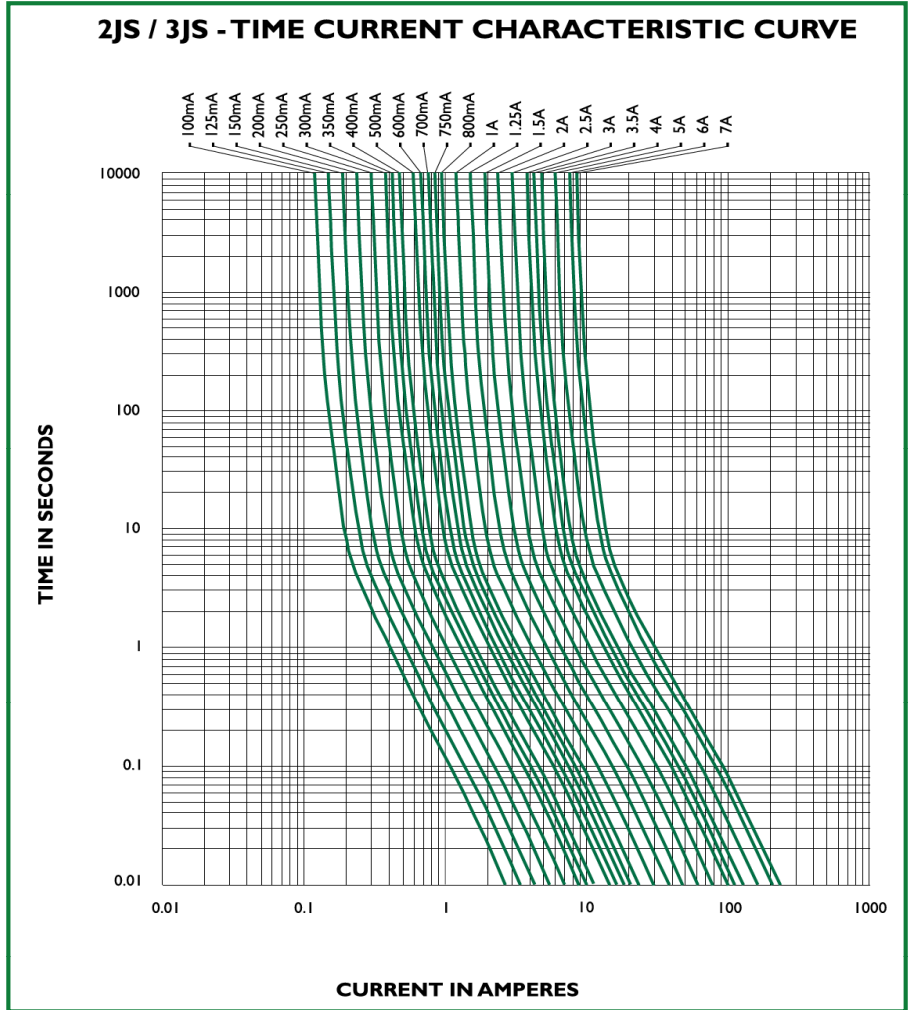


JS May 2012C

Temperature Derating Curve

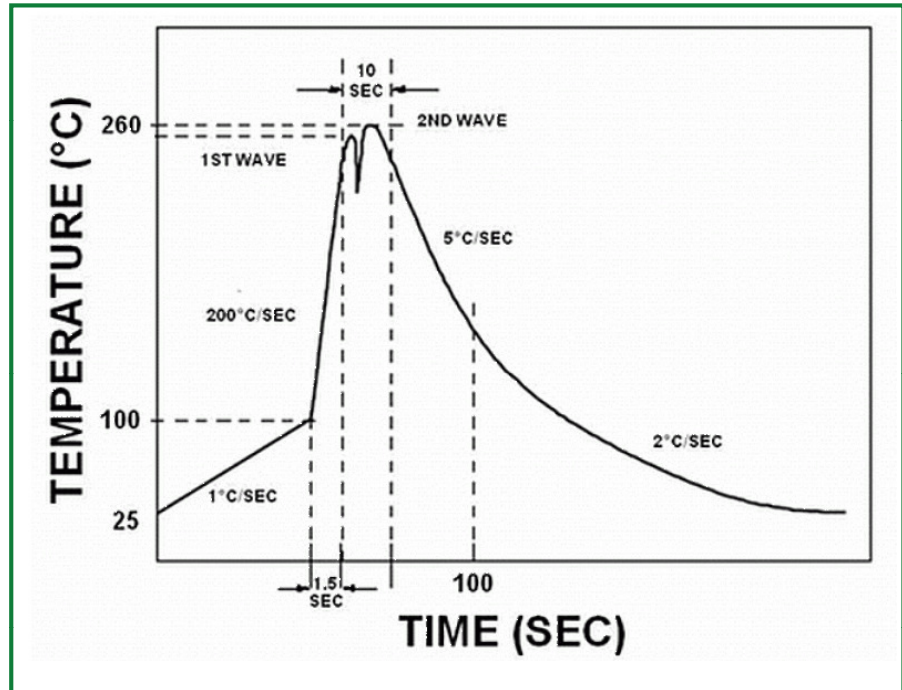


Average Time Current Curve



Soldering Parameters

Lead-free Wave Soldering Profile	
Wave Soldering Parameter	
Average ramp-up rate	200°C / second
Heating rate during preheat	typical 1 - 2 °C / second Max. 4°C / second
Final preheat temperature	within 125°C of soldering temperature.
Peak temperature T _p	260°C
Time within +0 °C / -5°C of actual peak temperature	10 seconds
Ramp-down rate	5 °C / second max.



Type 2JS / 3JS Time-lag Fuse Series

5 x 15 mm Glass Tube
RoHS 6 Compliant



JS May2012D

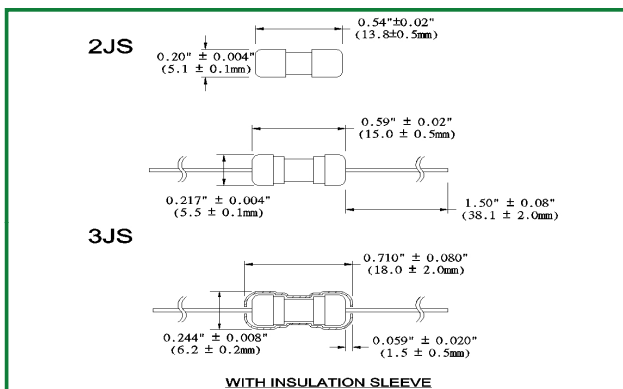
Physical Specifications

Materials	Body : Glass
	Cap : Nickel Plated Brass Caps
	Leads: Matte Tin Plated Copper
Marking	On Fuse:
	"bel", "JS", "Current Rating", "Voltage Rating",
	"Appropriate Safety Logos", "✓" (RoHS 6 compliant)
	On label:
	"bel", "2JS", or "3JS", "Current Rating", "Voltage Rating", "Interrupting Rating", "Appropriate Safety Logos" and "♻️", "e" (China RoHS compliant).

Environmental Specifications

Shock Resistance	MIL-STD-202G, Method 213B, Test Condition I (100 G's peak for 6 milliseconds; Sawtooth Waveform)
Vibration Resistance	MIL-STD-202G, Method 201A (10-55 Hz, 0.06 inch, total excursion).
Salt Spray Resistance	MIL-STD-202G, Method 101E, Test condition B (48 hrs).
Insulation Resistance	MIL-STD-202G, Method 302, Test Condition A (After Opening) 10,000 ohms minimum.
Solderability	MIL-STD-202G, Method 208H
Resistance to solder Heat	MIL-STD-202G Method 210F, Test Condition B. (260+/-5 °C, 10+/- 1 sec)
Thermal Shock	MIL-STD-202G, Method 107G, Test Condition B (-65 °C to +125 °C).
Operating Temperature	-55 °C to +125 °C
Terminal Strength	IEC-68-2-21

Mechanical Dimensions



* Diameter lead 0.032" for all ratings

Ordering Information

FUSE TYPE	0658
R	R = RoHS Compliant
AMPERE RATING	Refer to fuse FGNO explanation table
PIGTAIL CODE	0 = No pigtail (2JS) 1 = Standard (axial leaded) 4 = Axial leaded with insulation sleeve
QUANTITY & PACKAGING CODE	1 = 200 pcs / Bulk bag, 2K / Box ,Cartridge Type Fuse = 500 pcs/ Bulk bag / box, Pigtail Type Fuse 2 = 1500 pcs / Reel, Tape and Reel

0658 R XXXX - X X

Specifications subject to change without notice

Packaging

Packaging Option	Packaging Specification	Quantity	Packaging Code	Inside Tape Spacing
Bulk (bag)	N/A	200	01	N/A
Bulk (Pigtail Type)	N/A	500	11	N/A
Bulk (Pigtail Type) with Insulation Sleeve	N/A	500	41	N/A
Tape & Reel, 10 mm Pitch	EIA-296-F	1500	12	53
Tape & Reel with Insulation Sleeve, 10 mm Pitch	EIA-296-F	1500	42	53

CORPORATE OFFICE

Bel Fuse Inc.
 206 Van Vorst Street
 Jersey City, NJ 07302
 Tel 201-432-0463
 Fax 201-432-9542
 E-Mail: belfuse@belf.com
 Website: www.belfuse.com

FAR EAST OFFICE

Bel Fuse Ltd.
 8/F Luk Hop Industrial Building
 8 Luk Hop Street
 San Po Kong
 Kowloon, Hong Kong
 Tel 852-2328-5515
 Fax 852-2352-3706

EUROPE OFFICE

Bel Fuse Europe Ltd.
 Preston Technology Management Centre
 Marsh Lane, Suite F15
 Preston, Lancashire, PR1 8UQ
 United Kingdom
 Tel 44-1772-556601
 Fax 44-1772-561008

EUROPE

Bel Stewart GmbH
 Industriestrasse 20
 61381 Friedrichsdorf
 Germany
 Tel 49-6172-9552-0
 Fax 49-6172-9552-40