



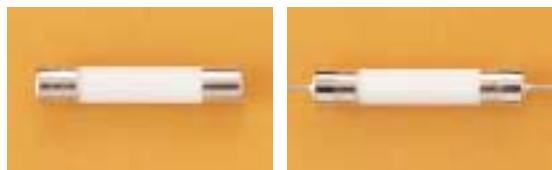
defining a degree of excellence

# Type GSA / GSAP

## Slow Blow Fuse Series

1/4 x 1 1/4 inch Ceramic Tube

GSAD0903



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

Testing current	Blow Time	
	Minimum	Maximum
100%	4 Hrs.	N/A
135%	N/A	1 Hr
200%	5 sec	30 sec

### Approvals



Safety Agency Approvals	Type	Amp range / Volt @ I.R. ability
<ul style="list-style-type: none"> <li>UL Listed File No. E20624</li> <li>CSA Certified File No. LR39772</li> </ul>	GSA / GSAP	63mA - 8A / 125V AC@ 10,000A 63mA - 1A / 250V AC@ 35A >1A - 3.5A / 250V AC@ 100A >3.5A - 8A / 250V AC@ 200A
<ul style="list-style-type: none"> <li>UL Recognized File No. E20624</li> <li>CSA Acceptance File No. LR39772</li> </ul>	GSA / GSAP	10A - 15A / 125V AC@ 10,000A 10A - 15A / 250V AC@ 750A
<ul style="list-style-type: none"> <li>PS E File No. JET1037-31003-1001, JET1037-31003-1003</li> <li>File No. JET1037-31003-1002</li> </ul>	GSA / GSAP	1A - 5A / 125V AC@ 500A >5A - 15A / 125V AC@ 300A

### Operating Temperature

-55°C to +125°C

### Physical Specification

#### Materials

Ceramic body / Nickel Plated Brass Caps

Lead wire:

Tin-lead plated Copper; Diameter 0.040" all ratings

#### Marking

On fuse:

"bel", "GSA", "Current Rating", "Voltage Rating", and "Appropriate Safety Logos"

On label:

Above info plus "CE" and interrupting rating

Voltage on fuse:

250V for 63mA to 15A

#### Packaging

1. In bulk:

**GSA** - 1,000 pcs per box; **GSAP** - 500 pcs per box

2. On Axial Tape & Reel:

1,000 pcs per reel

3. Tape & Reel specification:

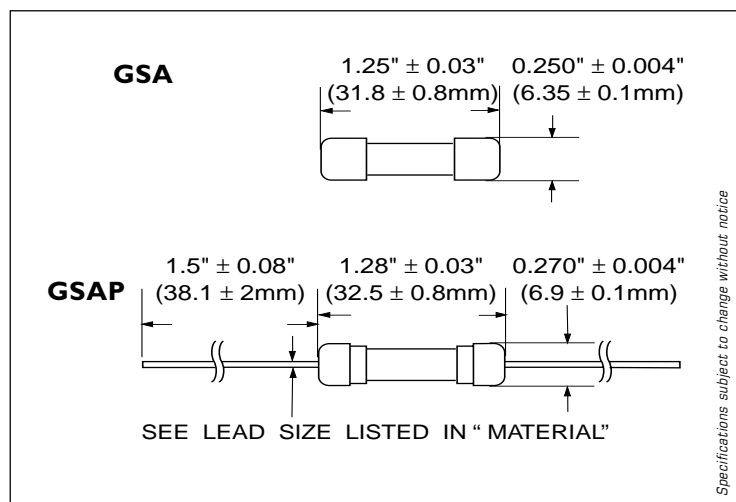
per EIA-296-E & IEC 286-1

@ 10mm Pitch and 73mm inside Tape Spacing

Catalog Number	Ampere Rating	Typical Cold Resistance (ohm)	Volt-drop @100% $I_n$ (Volt) max.	Melting $I^2T < 10$ mSec (A <sup>2</sup> Sec)	Melting $I^2T @10 I_n$ (A <sup>2</sup> Sec)	Maximum Power Dissipation (W)
GSA (P) 63	63mA	80	7	0.09	0.10	0.71
GSA (P) 100	100mA	22	4	0.21	0.24	0.55
GSA (P) 125	125mA	16	2.8	0.32	0.37	0.58
GSA (P) 160	160mA	11	2.3	0.50	0.58	0.60
GSA (P) 200	200mA	8.3	1.9	0.77	0.91	0.63
GSA (P) 250	250mA	4.9	1.6	1.20	1.42	0.66
GSA (P) 300	300mA	3.3	1.4	1.85	2.22	0.70
GSA (P) 375	375mA	2.4	1.2	2.6	3.2	0.73
GSA (P) 500	500mA	1.5	0.95	4.4	5.4	0.78
GSA (P) 750	750mA	0.7	0.69	9.7	12.1	0.85
GSA (P) 1	1A	0.5	0.56	16.4	20.6	0.91
GSA (P) 1.25	1.25A	0.3	0.47	25.4	32.3	0.96
GSA (P) 1.6	1.6A	0.21	0.39	39.3	50.4	1.01
GSA (P) 2	2A	0.14	0.33	61	79	1.06
GSA (P) 2.5	2.5A	0.09	0.27	94	123	1.1
GSA (P) 3	3A	0.06	0.23	146	192	1.2
GSA (P) 4	4A	0.04	0.19	226	300	1.2
GSA (P) 5	5A	0.03	0.16	349	469	1.3
GSA (P) 6	6A	0.019	0.16	286	455	1.6
GSA (P) 7	7A	0.016	0.16	372	592	1.8
GSA (P) 8	8A	0.014	0.15	483	769	1.9
GSA (P) 10	10A	0.010	0.14	817	1300	2.3
GSA (P) 12	12A	0.008	0.13	1277	2031	2.6
GSA (P) 15	15 A	0.006	0.12	2123	3377	3.0

Consult manufacturer for other ratings

### Mechanical Dimensions



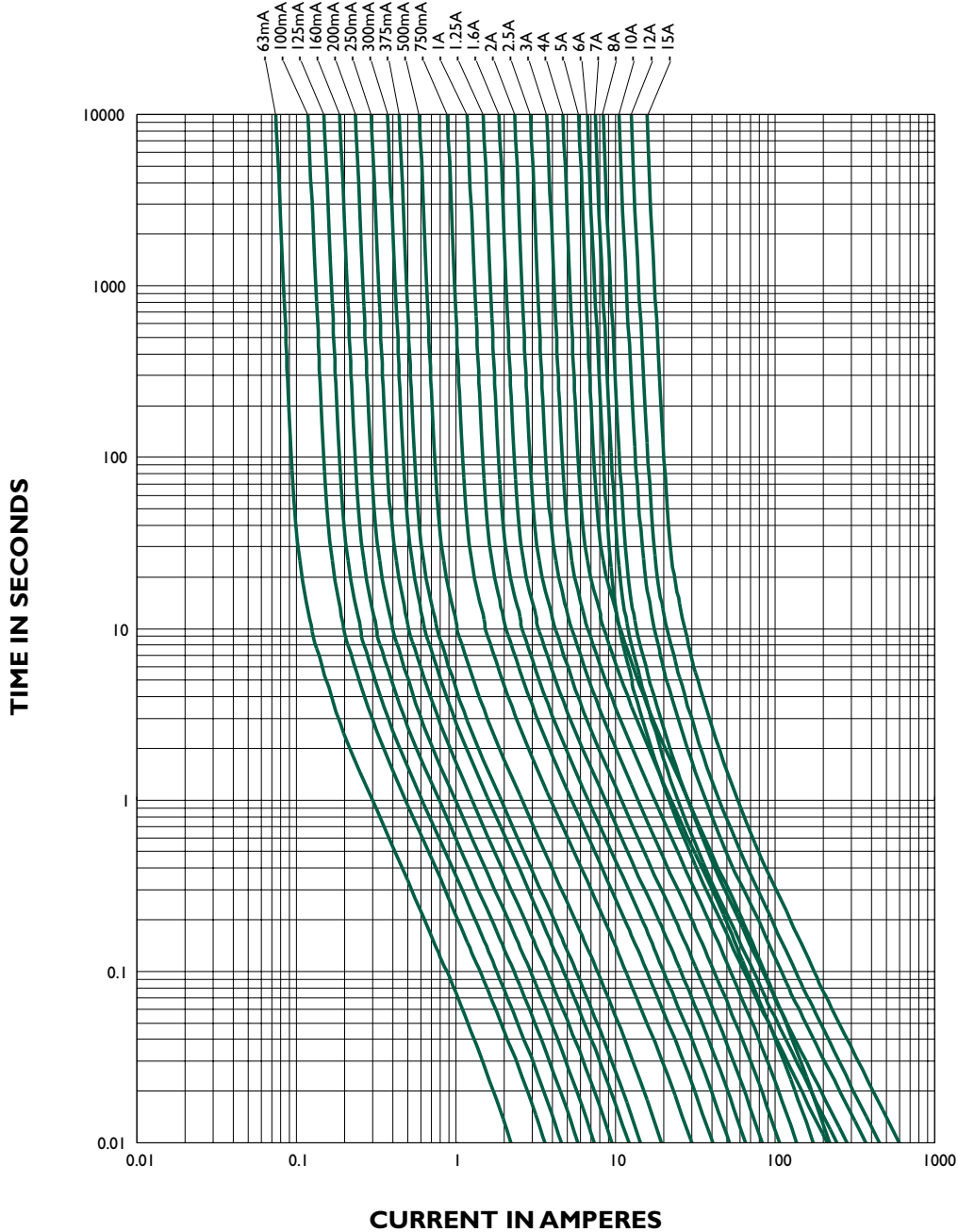
ORDERING INFORMATION SEE PAGES 67 & 68

**Type GSA / GSAP**  
**Slow Blow Fuse Series**

1/4 x 1 1/4 inch Ceramic Tube

GSAC0801

**GSA / GSAP - TIME CURRENT CHARACTERISTIC CURVE**



Specifications subject to change without notice

NOTE - see important information under "User Guide" on P.08

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