

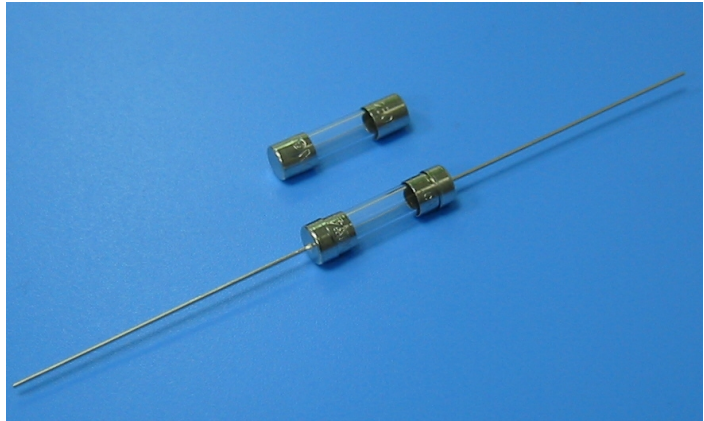


# 0617- Series 5x20mm Quick Acting Fuse

Designed to IEC Standard  
(Low Breaking Capacity)



Part No.	Rating	Part No.	Rating
0617.400	400mA	061702.5	2.5A
0617.500	500mA	06173.15	3.15A
0617.630	630mA	0617004.	4A
0617.800	800mA	0617005.	5A
0617001.	1A	061706.3	6.3A
06171.25	1.25A	0617008.	8A
061701.6	1.6A	0617010.	10A
0617002.	2A		



For Full Part number, please reference packaging and version specifications

### Electrical Characteristics (IEC 60127-2 Standard Sheet 2)

Rated Current	1.5 In		2.1 In		2.75 In		4 In		10 In
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MAX
125mA - 6.3A	60	30	50	2	10	300	20		
8A - 10A	30	30	50	2	10	400	40		
	min.	min	ms	sec	ms	ms	ms		

**Voltage Rating** 250V ac.

**Breaking Capacity** 35A or 10In (whichever is greater) @ 250V ac unity power factor.

### Approvals

Agency Approvals		Ampere Range
	Certificate No. 2002010207007600	400mA-6.3A
	Recognised File No. E10480	
	Acceptance File No. LR1422-30	
	Licence No. 107893	
		400mA - 10A
8A and 10A are under consideration by IEC (rated 125Vac)		

### Materials

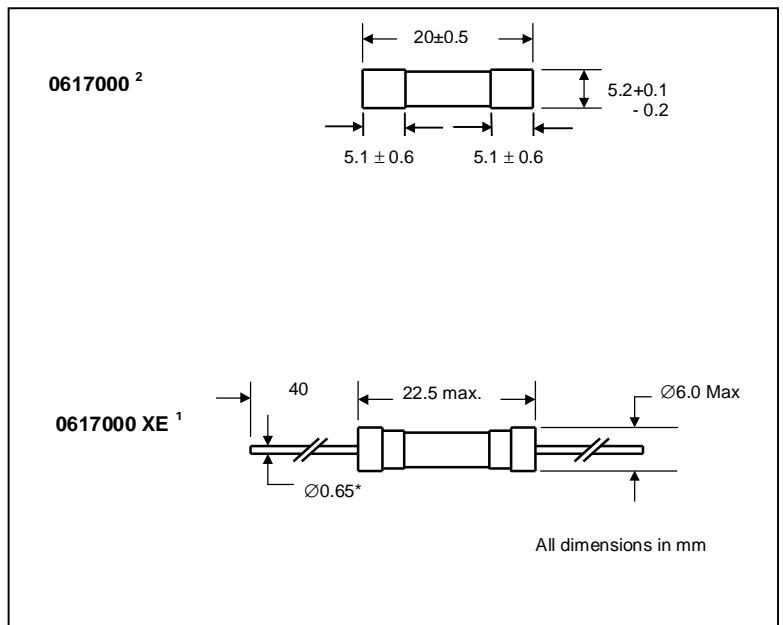
Body	Glass
Cap	Nickel Plated Brass
Lead	Tin Plated Copper

DISTRIBUIDOR AUTORIZADO NO BRASIL:



COMERCIAL ELETRONICA LTDA.  
vendas@digiquality.com.br  
TEL: +55 11 4227-1482

### Dimensions

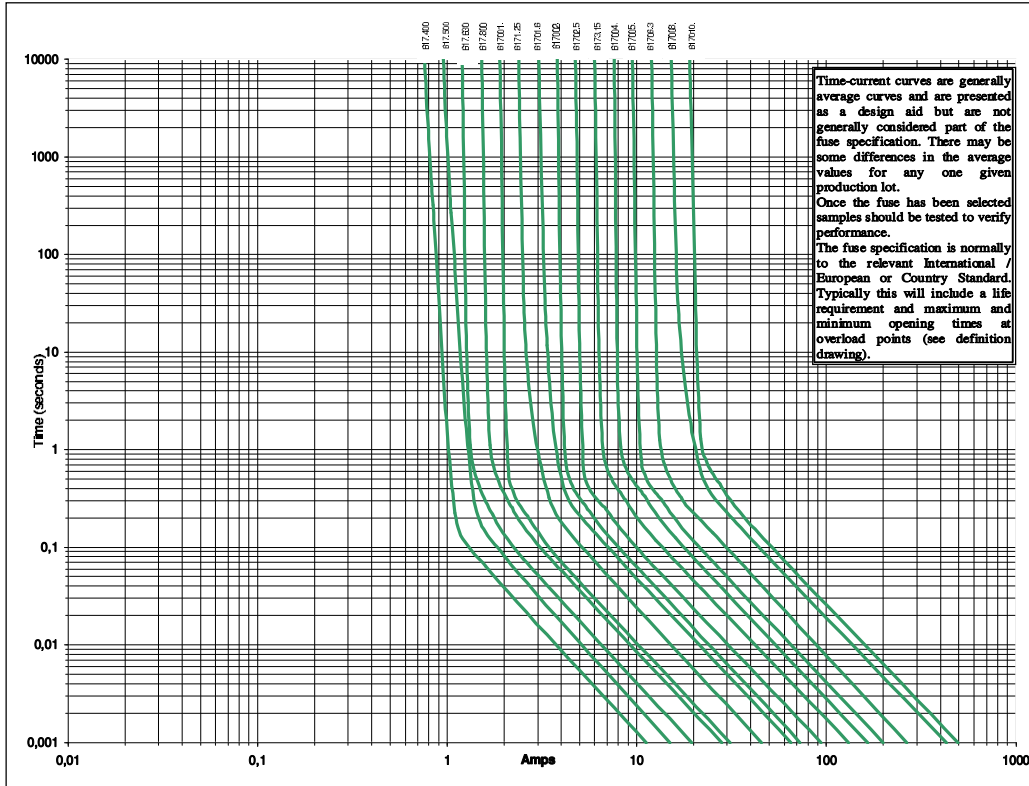


- Ratings above 6.3A Ø0.8 mm Lead.
- 1 For RoHS compliant parts replace XE for XEP
- 2 For RoHS compliant add suffix 'XP'

Title	Doc. No.	Rev.	DCR	Date
0617 Series Sales Drawing	0617000	D	840	April 2006



**0617- Series 5x20mm Quick Acting Fuse**  
**Designed to IEC Standard**  
**(Low Breaking Capacity)**



Part No.	Max. mvd	Min. Res. (mOhms)	Max. Res. (mOhms)	Min I <sup>2</sup> t at 15In (A <sup>2</sup> s)	Max I <sup>2</sup> t at 15In (A <sup>2</sup> s)
617,400	165	208	346	0,124	0,130
617,500	155	155	258	0,214	0,224
617,600	150	150	250	0,380	0,399
617,630	180	143	237	0,399	0,419
617,800	130	90,5	150	0,827	0,868
617001	140	74,7	118	1,02	1,07
6171,25	120	54,3	85,9	2,18	2,28
61701,5	125	41,7	69,5	4,28	4,49
61701,6	125	40,9	64,7	4,50	4,73
617002	125	32,2	50,9	5,59	5,87
61702,5	125	25,8	40,9	9,23	9,69

Part No.	Max. mvd	Min. Res. (mOhms)	Max. Res. (mOhms)	Min I <sup>2</sup> t at 15In (A <sup>2</sup> s)	Max I <sup>2</sup> t at 15In (A <sup>2</sup> s)
617003	125	18,1	30,1	16,63	17,46
6173,15	105	17,9	26,9	17,29	18,15
617004	100	13,1	19,8	28,45	29,88
617005	103	10,9	16,5	41,75	43,84
61706,3	90	7,57	11,4	60,94	63,99
617008	83	5,45	8,19	193,33	202,99
617010	98	5,01	7,53	212,33	222,94

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	Drawing No. EC0617					
	DCR 840	Sheet 1 OF 1	Revision B	Drawn By M.D	App'd By C.M	Date 01/11/93
Revision Date April 03						

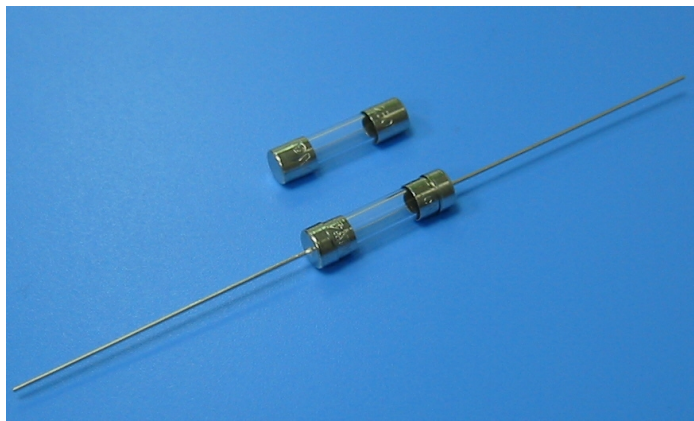


# 0618 - Series 5x20mm Time-Lag Fuse



Designed to IEC Standard  
(Low Breaking Capacity)

Part No.	Rating	Part No.	Rating
0618.125	125mA	06181.25	1.25A
0618.160	160mA	061801.6	1.6A
0618.200	200mA	0618002.	2A
0618.250	250mA	061802.5	2.5A
0618.315	315mA	06183.15	3.15A
0618.400	400mA	0618004.	4A
0618.500	500mA	0618005.	5A
0618.630	630mA	061806.3	6.3A
0618.800	800mA	0618008.	8A
0618001.	1A	0618010.	10A



For Full Part number, please reference packaging and version specifications

### Electrical Characteristics (IEC 60127-2 Standard Sheet 3)

Rated Current	1.5 In		2.1 In		2.75 In		4 In		10 In	
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX
125mA - 6.3A	60	2	600	10	150	3	20	300		
8A - 10A	30	2	600	10	150	3	20	300		
	min	min	ms	sec	ms	sec	ms	ms		

**Voltage Rating** 250V ac.

**Breaking Capacity** 35A or 10In (whichever is greater) @ 250V ac unity power factor.

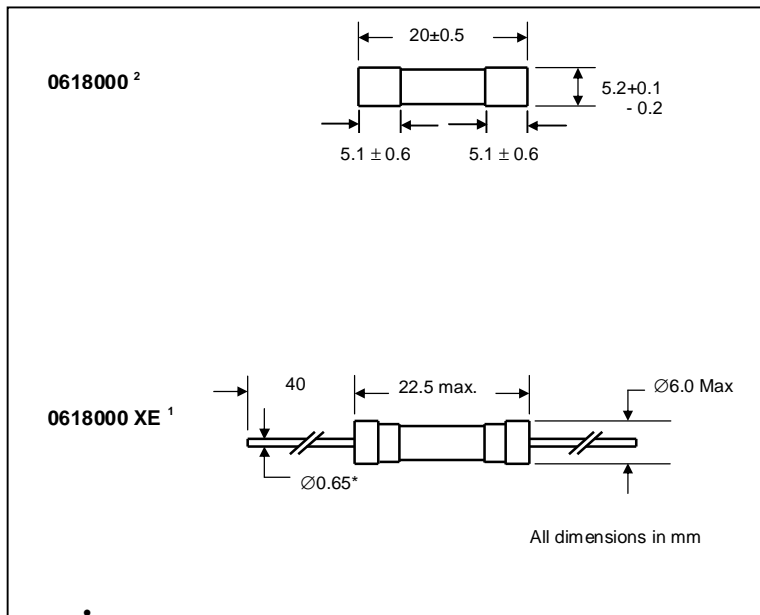
### Approvals

Agency Approvals		Ampere Range
	Certificate No. 2002010207007596	125mA - 6.3A
	Recognised File No. E10480	
	Acceptance File No. LR1422-30	
	Licence No. 107894	
		125mA - 10A
8A and 10A ratings are under consideration by IEC (125V)		

### Materials

Body	Glass
Cap	Nickel Plated Brass
Lead	Tin Plated Copper

### Dimensions



- Ratings above 6.3A Ø0.8 mm Lead.
- 1 For RoHS compliant parts replace XE for XEP
- 2 For RoHS compliant add suffix 'XP'

DISTRIBUIDOR AUTORIZADO NO BRASIL:



COMERCIAL ELETRONICA LTDA.

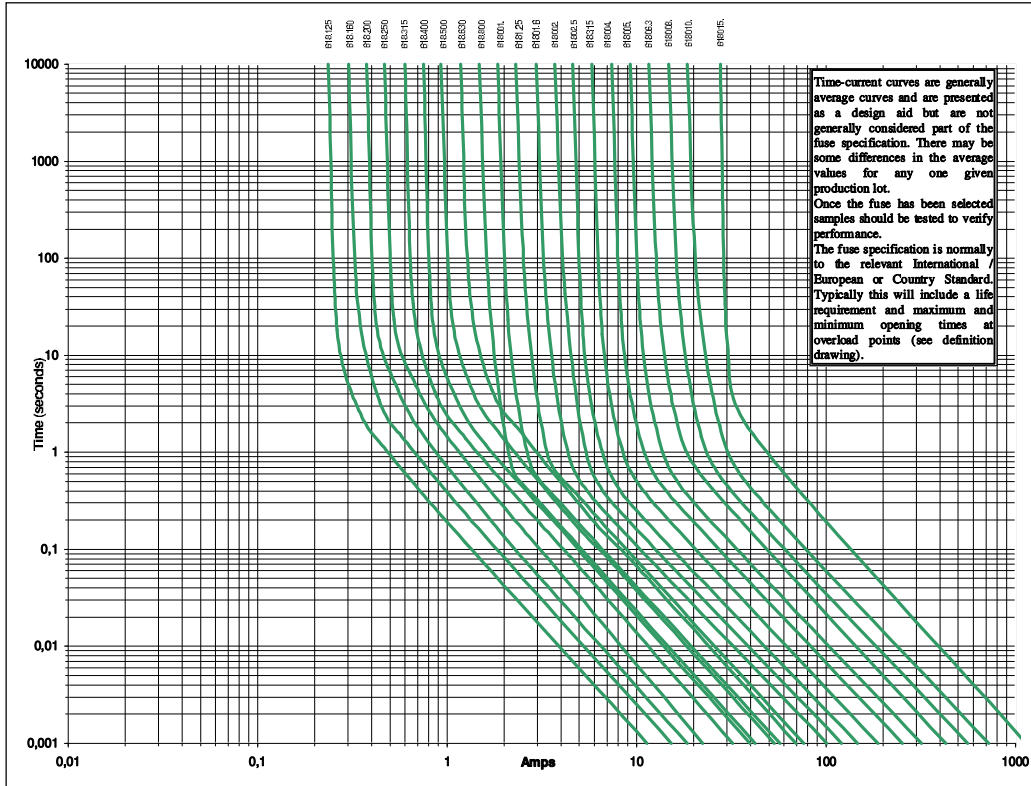
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Title	Doc. No.	Rev.	DCR	Date
0618 Series Sales Drawing	0618000	D	840	April 2006



**0618 - Series 5x20mm Time-Lag Fuse**  
**Designed to IEC Standard**  
**(Low Breaking Capacity)**



Part No.	Max. mvd	Min. Res. (mOhms)	Max. Res. (mOhms)	Min I <sup>2</sup> t at 15In (A <sup>2</sup> s)	Max I <sup>2</sup> t at 15In (A <sup>2</sup> s)
618.125	800	3200	5200	0,143	0,150
618.160	550	1950	3150	0,214	0,224
618.200	440	1200	2000	0,333	0,349
618.250	350	787	1312	0,527	0,554
618.315	390	635	1060	1,08	1,14
618.400	350	401	669	1,29	1,36
618.500	280	277	463	2,76	2,89
618.630	250	206	344	4,56	4,79
618.800	75	58,6	87,9	1,89	1,99
618001.	70	43,6	65,4	3,16	3,32
6181,25	70	32,4	48,8	5,51	5,79
61801,6	65	25,4	38,1	10,08	10,58
618002.	75	23,4	35,1	14,06	14,76
618002,5	75	17,5	26,3	22,66	23,79
6183,15	75	13,8	20,8	37,24	39,10

Part No.	Max. mvd	Min. Res. (mOhms)	Max. Res. (mOhms)	Min I <sup>2</sup> t at 15In (A <sup>2</sup> s)	Max I <sup>2</sup> t at 15In (A <sup>2</sup> s)
618004.	70	10,3	15,5	67,40	70,77
618005.	70	8,32	12,5	108,30	113,72
61806,3	65	6,11	9,17	193,80	203,49
618008.	70	4,59	7,27	332,98	349,62
618010.	60	3,49	5,52	553,85	581,54

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	Drawing No. <b>EC0618</b>		DCR <b>840</b>	Sheet <b>1 OF 1</b>	Revision <b>B</b>	Drawn By <b>M.D</b>	App'd By <b>C.M</b>
		Revision Date <b>April 03</b>					