

Datasheet

RS PRO Quick Acting Ceramic Tube Fuse, 8-25A, 5x20mm

Stock No in bulk pack:

1823895,1823896,1823897,1823899,1823900,1823901,1823902

Stock No in small pack:

1824028,1824031,1824034,1824038,1824041,1824045,1824048



Specifications:

Materials

Tube (Body): Non-Transparent ceramic tube fuse. No breaking or deformation is allowed. Two brass end caps: Made of brass of good conductivity.

Coating of brass caps: Plating the surface with nickel. If the indication is added with "S", it needs to be plated with silver.

Interrupting Ratings

8A~16A: 300 amperes at 420V AC/DC
8A~16A: 400 amperes at 450V DC 200
8A~16A: amperes at 500V AC 200
8A~16A: amperes at 600V AC

20A~25A: 300 amperes at 420V DC
20A~25A: 400 amperes at 450V DC
20A~25A: 200 amperes at 420V AC
20A~25A: 200 amperes at 500V AC

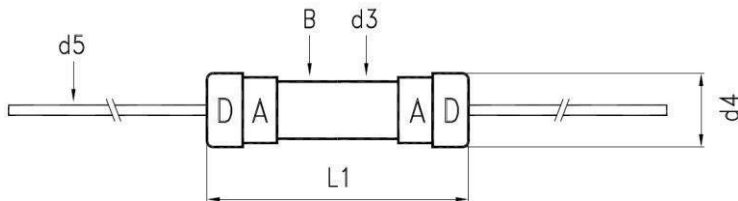


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Operating Temperature

-55°C to +125°C

Drawing (mm):



NO.	Part Name		Volume
A	Brass Cap	Nickel Plating	2
B	Ceramic Tube	Non-Transparent Ceramic Tube	1
D	Cap-on Lead-Cap	Tinned Copper Wire and Cap	2
d3	Dia. of Ceramic	4.50±0.2 mm	
d4	Dia. of Cap	5.2 ^{+0.1} _{-0.2} mm	
d5	Dia. of Lead Wire	±0.05mm	
	Length of Lead Wire	38±2mm	
L1	Total Length W/Cap-on on Both Ends		

Electrical Characteristic:

Rating	100% Rating		210% Rating		275% Rating		400% Rating		1000% Rating	
	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.
8A~25A	60 min			30 min	40 ms	20 sec	10 ms	1 sec		30 ms



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	Nominal Resistance Cold Ohms	Nominal Melting I ² t A ² Sec
8 A	0.01002~0.01860	62.00
10 A	0.00723~0.01343	128.0
13 A	0.00599~0.01113	169.0
15 A	0.00465~0.00863	195.0
16 A	0.00430~0.00800	260.0
20 A	0.00292~0.00542	395.0
25 A	0.00172~0.00320	1250.0

Stock No (bulk pack)	Stock no (small pack)	Rating amperes
1823895	1824028	8A 420V
1823896	1824031	10A 420V
1823897	1824034	13A 420V
1823899	1824038	15A 420V
1823900	1824041	16A 420V
1823901	1824045	20A 420V
1823902	1824048	25A 420V