

Datasheet

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

Stock No: 182-3985



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

8A~16A: 200 amperes at 500V AC

8A~16A: 200 amperes at 600V AC

20A~25A: 300 amperes at 420V DC

20A~25A: 400 amperes at 450V DC

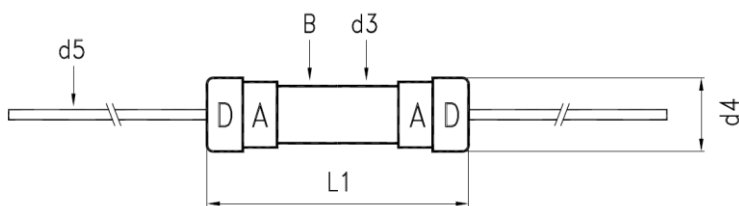
20A~25A: 200 amperes at 420V AC

20A~25A: 200 amperes at 500V AC

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

Reference:

Stock No	Rating amperes
1823985	8A 420V
1824028	8A 420V
1824034	13A 420V
1824038	15A 420V
1824041	16A 420V
1824045	20A 420V
1824048	25A 420V