

## 6x25mm Ceramic Plug Top Cartridge Fuses



### DESCRIPTION

General purpose, fast/medium-acting 6x25mm ceramic plug top fuses with medium to low breaking capacity designed primarily for use in UK plugs to BS1362. Suitable for use in a wide variety of applications. Constructed with a ceramic tube and electro-plated brass end caps.

### DISTINCTIVE FEATURES

- 6x25mm size
- Ceramic tube
- Nickel-plated copper end caps
- Fast/Medium-acting
- Medium to low breaking capacity
- BS1362 approved

### APPLICATIONS

These fast/medium-acting R-TECH 6 x 25mm fuses are used to provide safety protection within electrical equipment and products fitted with a UK plug to BS1362. With their medium to low breaking capacity, these fuses are ideal for providing cost effective protection against harmful over-currents in individual electrical appliances and equipment.

**6 x  
25mm**

**Ceramic**

**Fast/medium  
acting**

**240V**

**BS1362**



## ELECTRICAL SPECIFICATION

Compliant to	BS1362
Rated Voltage	240VAC
Rated Current	see table below
Voltage Drop (Max.)	see table below
Rated Power	see table below
IEC Acceptance (See derating curves)	See graph
Protection Class	Suitable for appliances with protection class 1 or 2 acc. to IEC 61140
Contact Resistance (typical cold)	see table below
Nominal Melting I <sup>2</sup> T (A <sup>2</sup> sec)	see table below

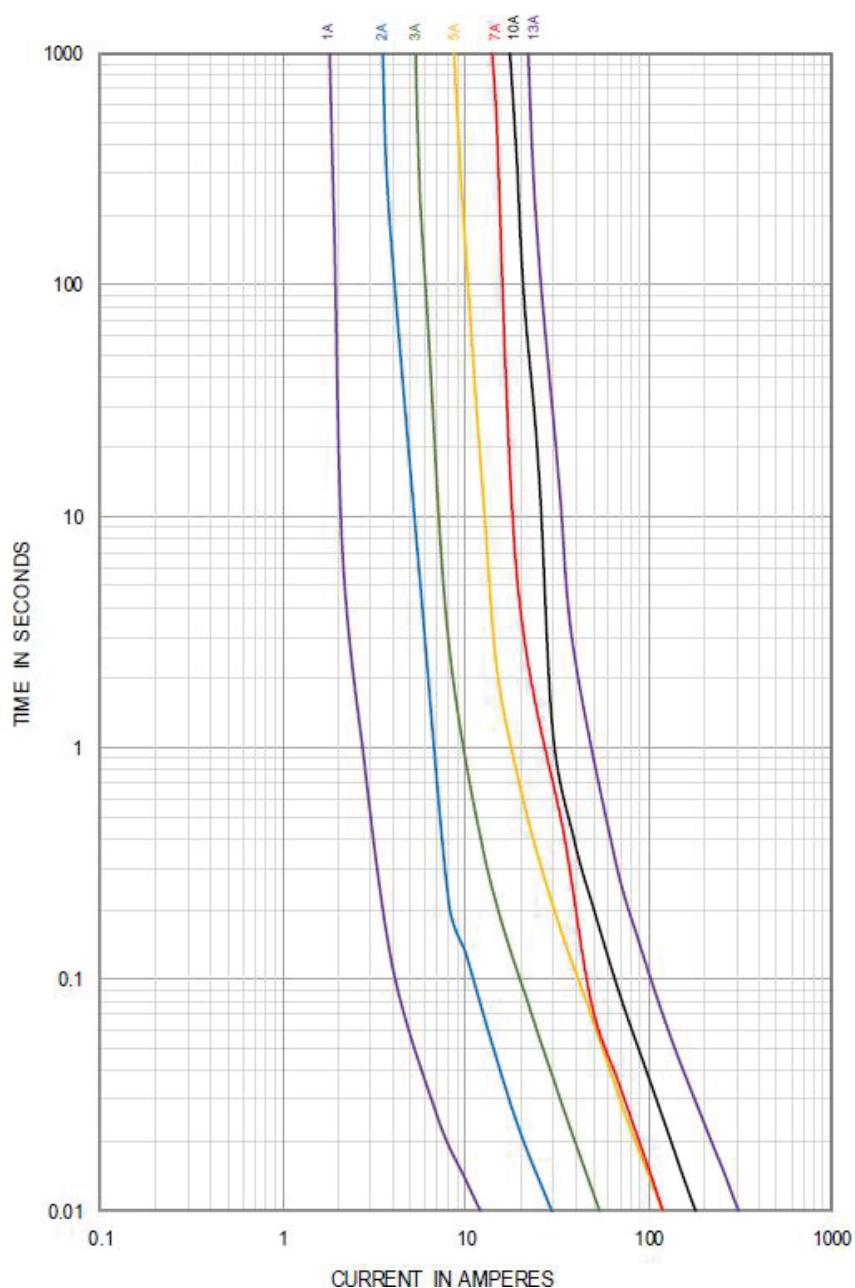
Amp Code	Rated Current	Max. Voltage	Max. Power Dissipation	Breaking Capacity	Max. Voltage Drop (mV)	Typical Cold Resistance (mOhm)	Nominal Melting Point (A <sup>2</sup> sec)	Colour	Approvals		
									CCC	PSB	ASTA
1100	1A	240V AC	1W	6kA@ 264V AC 50Hz P.f.0.3-0.4	1000	255	1.44	black	•	-	-
1200	2A				500	86.0	8.73	black	•	-	-
1300	3A				333.3	36.8	29.16	red	•	•	•
1500	5A				200	17.0	144	black	•	•	•
1700	7A				142.8	12.0	146.4	black	•	•	•
2100	10A				100	6.59	324	black	•	•	•
2130	13A				76.9	4.55	961	brown	•	•	•

## Time vs Current Characteristics Table

Time vs Current Characteristics			
Rated Current	100%	160%	190%
1A ~ 13A	>1000h	>30min	<30min

## Average Time Current (I-T) Curves

Average Current Curve (I-T Curve)





## GENERAL SPECIFICATION

Series	Fuses
Type	Ceramic, cartridge
Fuse Action	Fast/medium-acting
Compatible Fuse Size (Diameter x Length)	6 x 25mm
Mounting Type	Fuse holder
Product Marking	Type, current, voltage, approvals, serial number



## MATERIALS

Body	Ceramic tube
End cap	Copper, nickel-plated
Element	Alloy wire
Filler	Sand



## ENVIRONMENTAL/OPERATING SPECIFICATION

Operating Temperature	-55°C to 125°C
Storage Temperature	10°C to 60°C
Storage RH	Max. 75% r.h
RoHS	Yes
Lead-free	Yes
Halogen-free	Yes



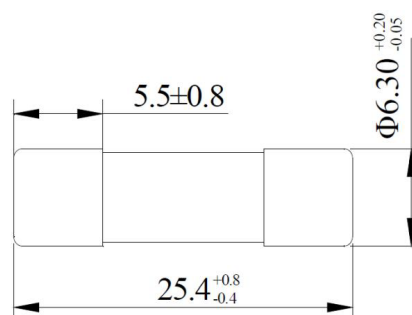
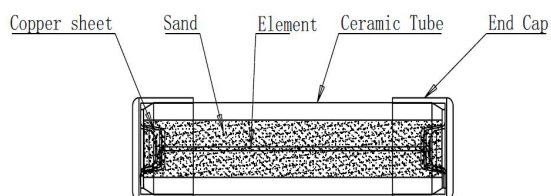
## CERTIFICATION AND STANDARDS

Standards - BS	BS1362
Approvals - CE	-
Approvals - CCC	2020970308000053
Approvals - ASA	974
Approvals - SS167	150339-11 (3A) 150340-11 (5A) 200037-11 (7A) 150341-11 (10A) 150342-11 (13A)

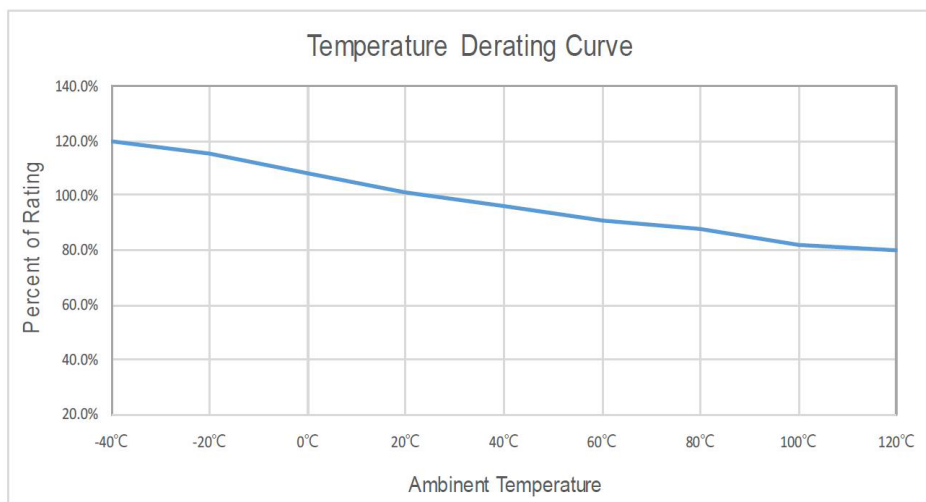


## DIMENSIONS/DRAWINGS

Units	mm - unless stated otherwise
Dimensions (Summary)	25 x ø6mm
Length	25mm
Diameter	ø6mm
Weight	2.416g



Measurements are in mm  
unless stated otherwise.



Calculation for ideal fuse selection =  $\frac{\text{Operating Current (A)}}{\text{Rating} \times 0.75}$



## PART NUMBER TABLE

Part Number Table	Current Rating	UNSPSC	EAN	Country of Origin
<b>26-0101</b>	1A	39121607	5053556013081	China
<b>26-0102</b>	2A	39121607	5053556013098	China
<b>26-0103</b>	3A	39121607	5053556013104	China
<b>26-0104</b>	5A	39121607	5053556013111	China
<b>26-0105</b>	7A	39121607	5053556013128	China
<b>26-0106</b>	10A	39121607	5053556013135	China
<b>26-0107</b>	13A	39121607	5053556013142	China



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