



PART NO:

DFN51120

DRAWING NO:

DFN51120

PAGE:

1 OF 2

## SPECIFICATION/SOURCE CONTROL DOCUMENT

DESCRIPTION: **RESISTOR, THERMAL FUSE 5.1ohm 250V 1.6W 5%**☒ SPECIFICATION  
CONTROL☒ SOURCE  
CONTROLCERTIFICATION OF  
CONFORMANCE REQUIRED: \_\_\_\_☒ SAFETY AGENCY  
CONTROL

UL\_\_Y\_\_

CSA\_\_Y\_\_

VDE/TUV\_\_Y\_\_

RoHS \_\_Y\_\_

MANUFACTURER

MANUFACTURER PART NUMBER

FIRST:

**UCHIHASHI****A5MC-5R1J**

SECOND:

THIRD:

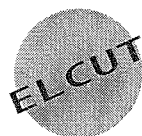
UNIT OF MEASURE: **EACH**PACKAGING: **RAIL**

REV	DATE	ECO	ENG	ENG	SFTY	Q.A.	DESCRIPTION
A	8/18/09	91530	KR	PL	LD	A.S.	ORIGINAL RELEASE

ENGINEERING NOTES:

Baan Code: 00122453

LAMBDA CONFIDENTIAL



NEW PRODUCT  
PbFree

## Thermal Cutoff/Resistor Assemblies A5MC

### ■ Ratings

Type Number	A5MC-5R1J	A5MC-6R8J	A5MC-100J	A5MC-150J	A5MC-220J
	L3.5	L3.5	L3.5	L3.5	L3.5
Nominal Resistance Value	5.1Ω	6.8Ω	10Ω	15Ω	22Ω
Resistance Tolerance	±5%				
Rated Functioning Temperature	139°C				
Rated Power	1.6W				
Maximum open circuit voltage	250 V AC				
Maximum open circuit voltage	70W				
Maximum overload power	UL C-UL VDE CCC				

### FEATURES

- A5MC is an environment-friendly product which does not contain cadmium and lead.

### IMPORTANT NOTICE

Read Standard Specification and Instruction Manual for use throughly.

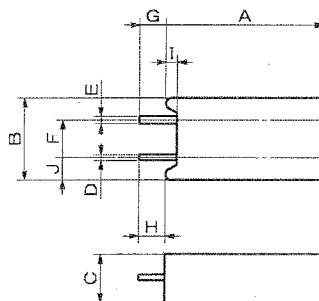
### TERMS

- Rated Functioning Temperature (Tf)  
The acceptable tolerance is +0,-10°C except PSE. The one for PSE is 7°C

UL, C-UL: E50082, CSA: LR40743, VDE: 923000-1171-0012

Cut-off temperature is measured with silicone oil bath of which temperature is increased at the rate of 1°C/min. Detecting current is 0.1A or less.  
Th and Tc are for C-UL(CSA) and CCC respectively.

### ■ Dimensions



寸 法 (mm)				
A	B	C	D	E
25.0±1.5	14.0±1.0	9.0±1.0	0.8±0.05	0.6±0.05
F	G	H	I	J
5.5±1.0	3.5 <sup>+0.5</sup> <sub>-0</sub>	3.5 <sup>+0.5</sup> <sub>-0</sub>	2.0±0.5	4.0±0.8

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# Mouser Electronics

Authorized Distributor

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