



PART NO:

DFP10112

DRAWING NO:

DFP10112

PAGE:

1 OF 2

### SPECIFICATION/SOURCE CONTROL DOCUMENT

DESCRIPTION: **RESISTOR 10 OHM 5% 5W WITH THERMAL FUSE CERAMIC**

N SPECIFICATION CONTROL

Y SOURCE CONTROL

CERTIFICATION OF CONFORMANCE REQUIRED: \_\_\_\_

N SAFETY AGENCY CONTROL

UL\_\_\_\_

CSA\_\_\_\_

VDE/TUV\_\_\_\_

RoHS \_\_Y\_\_

MANUFACTURER

MANUFACTURER PART NUMBER

FIRST:

**UCHIHASHI**

**A5MC-100J**

SECOND:

THIRD:

UNIT OF MEASURE: **EACH**

PACKAGING: **BULK**

| REV | DATE     | ECO | ENG | ENG | SFTY | Q.A. | DESCRIPTION |
|-----|----------|-----|-----|-----|------|------|-------------|
| P1  | 10/16/07 |     |     |     |      |      | NPR 1725    |
|     |          |     |     |     |      |      |             |
|     |          |     |     |     |      |      |             |
|     |          |     |     |     |      |      |             |
|     |          |     |     |     |      |      |             |

ENGINEERING NOTES:



NEW PRODUCT

PbFree

# Thermal Cutoff/Resistor Assemblies

## A5MC

### ■ Ratings

| Type Number                   | A5MC-5R1J<br>L3.5 | A5MC-6R8J<br>L3.5 | A5MC-100J<br>L3.5 | A5MC-150J<br>L3.5 | A5MC-220J<br>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  | 250V AC           |                   |                   |                   |                   |
| Maximum open circuit voltage  | 70V               |                   |                   |                   |                   |
| Maximum overload power        | UL C-UL VDE CCC   |                   |                   |                   |                   |

### FEATURES

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

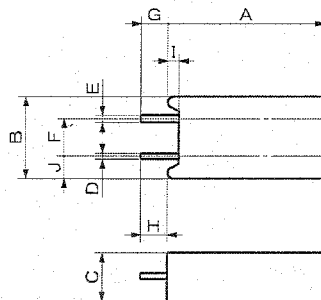
### IMPORTANT NOTICE

Read Standard Specification and Instruction Manual for use throughly.

### TERMS

- Rated Functioning Temperature (T<sub>f</sub>)  
The acceptable tolerance is +0,-10c except PSE. The one for PSE is 7c

### ■ 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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