



AR00719

AR00719

1 of 2

GENERAL COMPONENT SPECIFICATION / DESCRIPTION		
DESCRIPTION:	Thermal Cut-Off Resistor	
MANUFACTURTER NAME:	Uchihashi	
MANUFACTURER PN:	A5MC-220J	
ADDITIONAL PART DETAILS:	22Ω, 1.6W, AC250, 5%, 139°C, 70W Max Overload, lead length of 30 mm or above	
APPROVALS:	See Attached Spec Sheet	
WHERE USED:	External Inrush resistor for PFH500F Series	
STATUS:	Preferred	
LIFE CYCLE PHASE:	Active	

Thermal Cut-Off Resistor

Uchihashi

A5MC-220J

22Ω, 1.6W, AC250, 5%, 139°C, 70W Max
Overload, lead length of 30 mm or above

See Attached Spec Sheet

External Inrush resistor for PFH500F Series

Preferred

Active

OTHER NOTES:

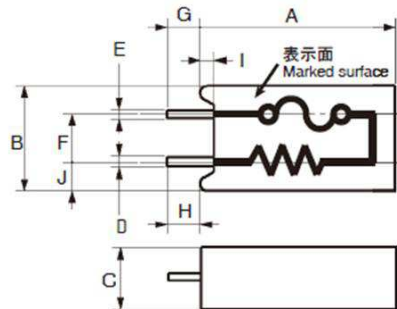
REV	DATE	ENG	NOTES
01	05-08-2017		Release to Agile
02	01-09-2025		Update default lead length to: "30 mm or above"

A5MC Series

RoHS Compliant Thermal Cutoffs



- It is a high performance thermal cutoff/ resistor assembly which combine a cement resistor with a fusible alloy type thermal cutoff and has an overheat protect function.
- It uses coil-winding for greater ability to withstand inrush current.
- It can open the circuit certainly in the case of any circuit malfunction. Its characteristics rarely fluctuate.
- It provides extremely robust electrical insulation and voltage withstanding properties after it functioned, and almost no trouble occurs with residual resistance or re-continuity.
- It does not contain lead (Pb) and cadmium (Cd) in compliance with RoHS.
- It does not contain 163 substances of very high concern (SVHC) that are specified by REACH as of Jun. 2015.



Dimensions (mm)									
A	B	C	D	E	F	G (L3.5)	H (L3.5)	I	J
25.0±1.5	14.0±1.0	9.0±1.0	0.8±0.05	0.6±0.05	5.5±1.0	3.5+0.5 -0	3.5+0.5 -0	2.0±0.5	4.0±0.8

NOTE: AR00719 comes with standard pin length.
Dimension H: 30 mm or above
Dimension G: 25 mm or above

Specification

Type No.	Nominal Resistance Value (Ω)	Resistance Tolerance (%)	Rated functioning temperature (°C)	Rated Power (W)	Maximum Open Circuit Voltage (V)	Maximum Overload Power (W)
A5MC-5R1J	5.1	±5	139	1.6	AC250	70
A5MC-6R8J	6.8					
A5MC-100J	10					
A5MC-150J	15					
A5MC-220J	22					

Safety standard information

Type No.	Safety standard approval					
	PSE	UL	c UL	VDE	CCC	KC
A5MC	-	E50082	E50082	923000-1171-0012	2008010205283372	SU05029-8002A (10Ω • 15Ω • 22Ω)

- Please feel free to contact us in regard of the details of safety standard approvals.

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