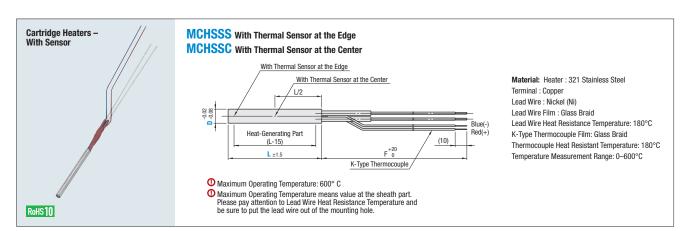
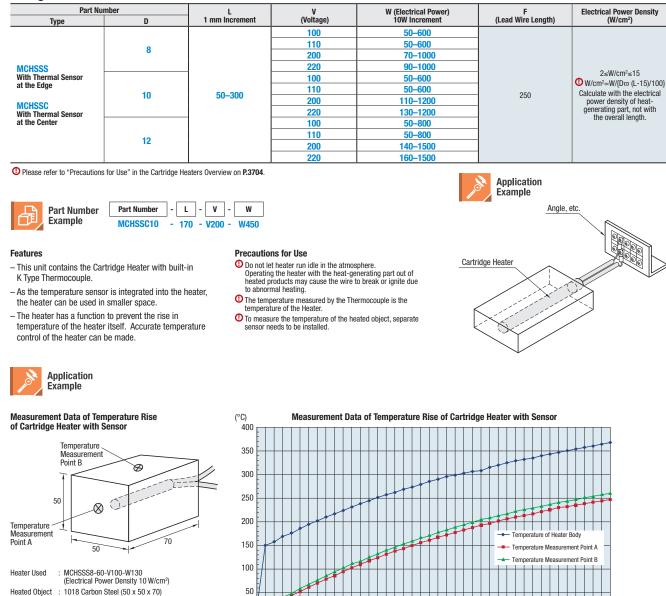
Cartridge Heaters

With Sensor

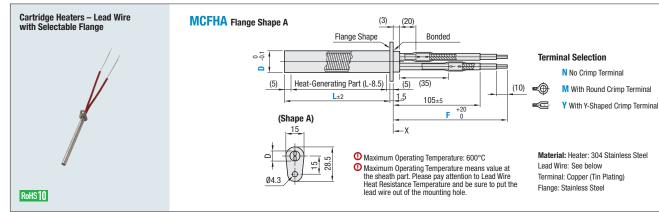


Configurable L & W with Sensor



Cartridge Heaters

Lead Wire with Selectable Flange



Lead Wire with Selectable Flance

Part Number		L	V (V-H)	W	F (Lead Wire Length)		Torminol	
Туре	D	1mm Increment	V (Voltage)	(Electrical Power) 10 W Increment	Lead Wire Type	10 mm Increment	Terminal	Electrical Power Density (W/cm ²)
MCFHA	8	50-400	100	50-600	B G T M	100–1000	N M Y	2≤W/cm²≤15 ♥/cm²=W/(D∞(L-8.5)/100) Calculate with the electrical power density of heat-generating part, not with the overall length.
			200	50-1200				
	10	50–600	100	50-600				
			200	50-1200				
	12		100	50-800				
			200	50-1600				

MCFHA is not available from L401-L600 for D8

Lead Wire Type

Symbols	Lead Wire Type	Heat Resistance Temperature	Features
В	Tin Plated Annealed Copper Fiber Glass Braided Wire	180°C	General Use
G	Silicon Rubber + Tin Plated Annealed Copper Wire	180°C	For chemical and water resista
т	Teflon + Nickel Plated Annealing Copper Wire	260°C	For chemical, water and weather re
М	Mica Polyimide-Wound Silica + Nickel Coated Copper Wire	400°C	For heat resistant items
	refer to "Dressutions for Lles" in the Cartridge Llesters Querview	D 0 704	

Please refer to "Precautions for Use" in the Cartridge Heaters Overview on P.3704



Precautions for Use

O Do not let heater run exposed in the atmosphere. Operating the heater when heat-generating part is out of heated products, the wire may break or ignite due to abnormal heating.

• Keep the temperature around the flange at 180°C or below.

O Keep the temperature around the lead wire exit at 130°C or less.

5

0

10

15

* The data above shows the difference of temperature between the heater body and the heated object.

20

25

30

35

40 (minutes)

3716

surface of block

Point of temperature measurement : Center part of each

Type of Terminal

	Symbols	Type of Terminal	Nominal Size of Screw					
	N	No Crimp Terminal	—					
	М	Crimp Terminal – Round Type	M4					
s	Y	Crimp Terminal – Y-Shaped	M4					

ant items

esistant items

Termina

Heaters / Temperature Contr Insulating Plates