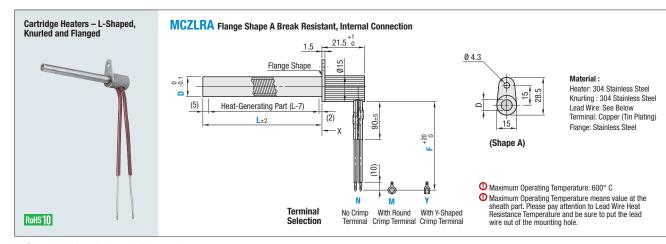
Cartridge Heaters

L-Shaped, Knurled and Flanged



L-Shaped, Knurled and Flanged

Part Number Type D		L	V (V-H)	W (Electrical Power) 10 W Increment	F (Lead Wire Length)		Tomologi	Flactuical David David (M/am²)
		1 mm Increment	V (Voltage)		Lead Wire Type	10 mm Increment	Terminal	Electrical Power Density (W/cm²)
•		50-400	100	50-600	B G T M	100–1000	N M Y	2≤W/cm²≤15 ① W/cm²=W/(Dtr(L-7)/100} Calculate with the electrical power density of heat-generating part, not with the overall length.
	8		200	50-1200				
8407LDA	40	50–600	100	50-600				
MCZLRA	10		200	50-1200				
	40		100	50-800				
	12		200	50-1600				

MCZLRA is not available from L401-L600 for D8.

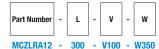
Lead Wire Type

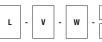
Symbols	Selection	Heat Resistance Temperature	Features
В	Tin Plated Annealed Copper Fiber Glass Braided Wire	180°C	General Use
G	Silicon Rubber + Tin Plated Annealed Copper Wire	180°C	For chemical and water resistant items
T	Teflon + Nickel Plated Annealing Copper Wire	260°C	For chemical, water and weather resistant items
M	Mica Polyimide-Wound Silica + Nickel Coated Copper Wire	400°C	For heat resistant items

Type of Terminal

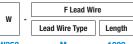
Symbols	Type of Terminal	Nominal Size of Screw
No Crimp Terminal		_
M	Crimp Terminal – Round Type	M4
Υ	Crimp Terminal – Y-Shaped	M4













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.

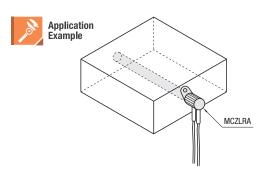
O Keep the temperature around the knurled head at 180°C or below.

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

Cartridge Heaters Features of L-shaped Knurled Flanged

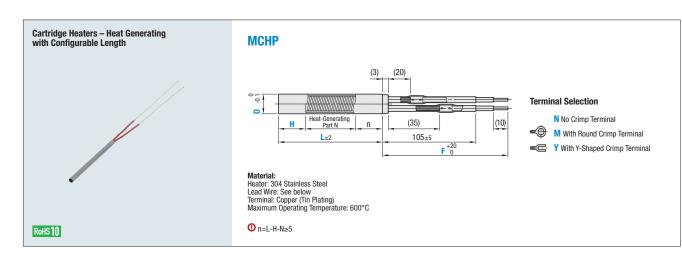
Space-Saving: Saves space by bending the lead wire in L-shape at the exit point. Lead Wire Selection: Lead wire can be selected depending on the operating ambient

- The flange at the end of the heater makes it easier to mount.



Cartridge Heaters

Heat Generating with Configurable Length



Heat Generating with Configurable Length

Part Numb	Part Number		Н	N	V (Voltage) W (Electrical	W (Electrical Power)	F (Lead Wire Length)		Terminal	Flactrical Dawn Dawnita (M/am2)
Туре	D	1 mm Increment	1 mm Increment	1 mm Increment	Selection	ction 10 W Increment	Lead Wire Type	10 smm Increment	Selection	Electrical Power Density (W/cm²)
	6	50-250	5–205	40–240	100	50-500	B G T M	100–1000	N M Y	2≤W/cm²≤15
					200	100-600				
	8	50-400	5–355	40–390	100	50-600				
					200	50-1200				
MCHP	10	50–600	5–555	40–590	100	50-600				
WIGHT					200	50-1200				
	12				100	50-800				
	12				200	50-1600				
	14				100	50-800				
					200	100-1600				

MCHP not available from L301-L600 for D6, and from L401-L600 fro D8. U L≥H+N+5

Lead Wire Type

	71		
Symbols	Selection	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 resistant items
T	Teflon + Nickel Plated Annealing Copper Wire	260°C	For chemical, water and weather resistant items
M	Mica Polyimide-Wound Silica + Nickel Coated Copper Wire	400°C	For heat resistant items

Type of Terminal

Symbols	Type of Terminal	Nominal Size of Screw		
N	No Crimp Terminal	_		
M	Crimp Terminal – Round Type	M4		
Y	Crimp Terminal – Y-Shaped	M4		

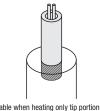


Application

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. (Completely hide heat-generating part of a heater in a metal block with 5 mm gap on both ends, ensuring that the heat generating part is not exposed to air.)

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



Usable when heating only tip portion