


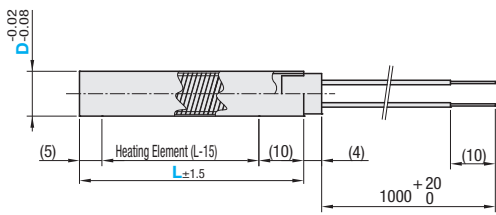
# Cartridge Heaters

## Flex-Resistant

Be sure to refer to "Precautions for Use" in the Cartridge Heater Overview on P.1605.



**MCHKD**



Material Heater : SUS321  
 Lead Wire : Nickel (Ni)  
 Lead Wire Film : Silicon Rubber + Glass Braid  
 Lead Wire Heat Resistance Temperature: 220°C

Maximum Operating Temperature: 400°C  
 Maximum Operating Temperature means value at the sheath part. Please pay attention to Lead Wire Heat Resistance Temperature and be sure to put the lead wire out of the mounting hole.

**RoHS 10**

### Flex-Resistant

Part Number		L	V (Voltage)	W (Electric Power)	Electrical Power Density (W/cm <sup>2</sup> )	Unit Price
Type	D					
MCHKD	8	60	100	100	8.8	
			120	10.6		
		80	100	150	9.2	
			200	10.6		
		100	100	200	9.4	
			200	10.6		
	10	60	100	120	8.5	
			150	10.6		
		80	100	150	7.3	
			200	8.8		
		100	100	200	7.5	
			250	9.4		
	12	60	100	100	10.6	
				150	5.9	
			80	100	8.9	
				150	5.9	
			100	100	8.9	
				250	10.2	
		150	100	100	9.4	
				300	9.4	
			200	300	5.9	
				500	9.8	
			300	300	5.9	
				500	9.8	

### Features

- Employs a connection between the heating element and lead wire in the sheath.
- As the nickel pins are in the sheath, the heater is more resistant against moving and bending than the conventional heaters such as MCHK.
- Do not let the heaters run idle in the atmosphere. If the heater is used with some or the whole of the heating element projected from the heated objects, the wire may break or ignite due to abnormal heating.
- Keep the temperature around the lead wire exit at 220°C or less.
- Do not pull or bend it forcibly.

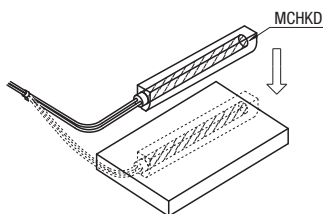


Ordering Example

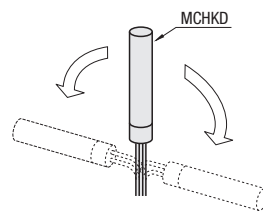
Part Number - L - V - W  
**MCHKD8 - 60 - V100 - W100**



Example



- More suitable for moving applications than the conventional heaters such as MCHK.
- Do not pull it forcibly.



- More resistant against bending and less prone to breakage than the conventional heaters such as MCHK.
- Avoid repeatedly and forcibly pulling on it although it is resistant against bending.