



Specifications for MCH1 Cartridge Heater Series

Diameter: 1/4 inch Min. 0.244 Max. 0.249
 Length Tolerance: +/- 3/32 inch or +/-3% whichever is greater
 Wattage Tolerance +5% /- 10%
 Maximum Current: 6 amps (Standard Leads)
 Power leads: 24 awg 550 C High Temp Fibergalss Insulated
 Lead Option: 24 awg Teflon Solid "A" Nickel 250°C/300V
 304 Stainless Steel Sheath
 High Purity Magnesium Oxide
 Swaged Construction
 High Pot Tested to 700 volts

Maximum Watt Density for Heating Metals Watts/sq.in						
Hole Clearance	Block Temperature					
	1200 F	1000 F	800 F	600 F	400 F	200 F
0.002	140	270	300	300	300	300
0.003	120	205	295	300	300	300
0.004	100	175	240	300	300	300
0.005	90	145	200	285	300	300
0.007	70	100	150	200	250	300
0.010	60	90	110	150	200	225
0.015	50	75	95	110	140	165
0.030	40	60	80	90	100	110
0.060	30	40	50	55	65	65
0.100	25	35	45	50	50	50