



Specifications for MCH2 Cartridge Heater Series

Diameter: 1/8 inch Min. 0.119 Max. 0.124
 Length Tolerance: +/- 3/32 inch or +/-3% whichever is greater
 Wattage Tolerance +5% /- 10%
 Maximum Current: 3.6 amps (Standard Leads)
 Power leads: 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 |