

INSULATION TEST		
1000 VAC	Mega	3.5MΩ
HI POT / FLASH TEST		
1500 VDC		
10 mA		

MEASUREMENT TOLERANCES	
PARAMETER	TOLERANCE
<b>Band heaters (Mica &amp; Ceramic)</b>	
Diameter	+0 - 3.0mm
Width	+0 - 5.0mm
Hole diameter	+2.0 - 0mm
Other dimensions (cut outs etc)	± 2.0mm
Resistance	± 5%

(Except for expandable heaters, diameter is always internal and must be measured using a diameter tape)

Calculation of Maximum Power Rating (all dimensions in millimetres)
Flat mica element : $P \text{ max (watts) = Width x length x 0.035}$
Box heater (mica) : $P \text{ max (watts) = Width x ((length + depth) x 2) x 0.035}$
Heater band (mica) : $P \text{ max (watts) = Width x diameter x 3.14 x 0.035}$
Ceramic elements : Multiply the power rating as calculated for mica elements by 2

***Heating and Control Solutions that exceed Industry expectations***