

## FEATURES

- Cartridge heaters have high temperature lead wires that can stand temperature of up to 450°C
- High impact ceramic cap
- Deep holes in ceramic cap prevents fraying of lead
- Nickel-chromium resistance wire
- TIG welded end disc
- Fiberglass lead wire insulation
- 10in Lead wires

## Heating Element, 1.5in, 50 W, 220 V ac

RS Stock No.: 860-6814



RS Professionally Approved Products bring to you professional quality parts across all product categories. Our product range has been tested by engineers and provides a comparable quality to the leading brands without paying a premium price.

## Product Description

This cartridge heater is a tube-shaped heating element that's used to apply targeted heat to metal solids. It's part of our stringently tested RS PRO range.

## General Specifications

<b>Max Operating Temp</b>	450°C
<b>Sheath Material</b>	304 Series stainless steel
<b>Applications</b>	Dies, Moulds, Platens, Heat Sealing, labelling, Packaging, Hot Melt Adhesive Machinery

## Electrical Specifications

<b>Power Rating</b>	50W
<b>Supply Voltage</b>	220VAC
<b>Lead Wire Insulation</b>	Fibreglass

## Mechanical Specifications

<b>Lead Length</b>	10in
<b>Diameter</b>	1/4in
<b>Length</b>	1-1/2in

## Tolerance Specifications

<b>Wattage Tolerance</b>	±10%
<b>Length Tolerance</b>	±3%
<b>Diameter Tolerance</b>	6.19mm to 6.32mm



### Standard Features and Internal Construction:-



1. High temperature lead wires for temperatures up to 450° C.
2. High impact ceramic cap retards contamination and is suitable for high vibration applications. Deep holes in cap prevent fraying of leads when bent.
3. Nickel-chromium resistance wire for maximum heater life, evenly wound for even heat distribution.
4. High purity magnesium oxide fill selected for maximum dielectric strength and thermal conductivity, highly compacted for maximum heat transfer.
5. 304 stainless steel sheath for oxidation resistance in a wide variety of environments. 316 stainless steel and Incoloy are also available. Please consult the application guide in the back for help in determining which material is best for your application.
6. TIG welded end disc to prevent contamination and moisture absorption.