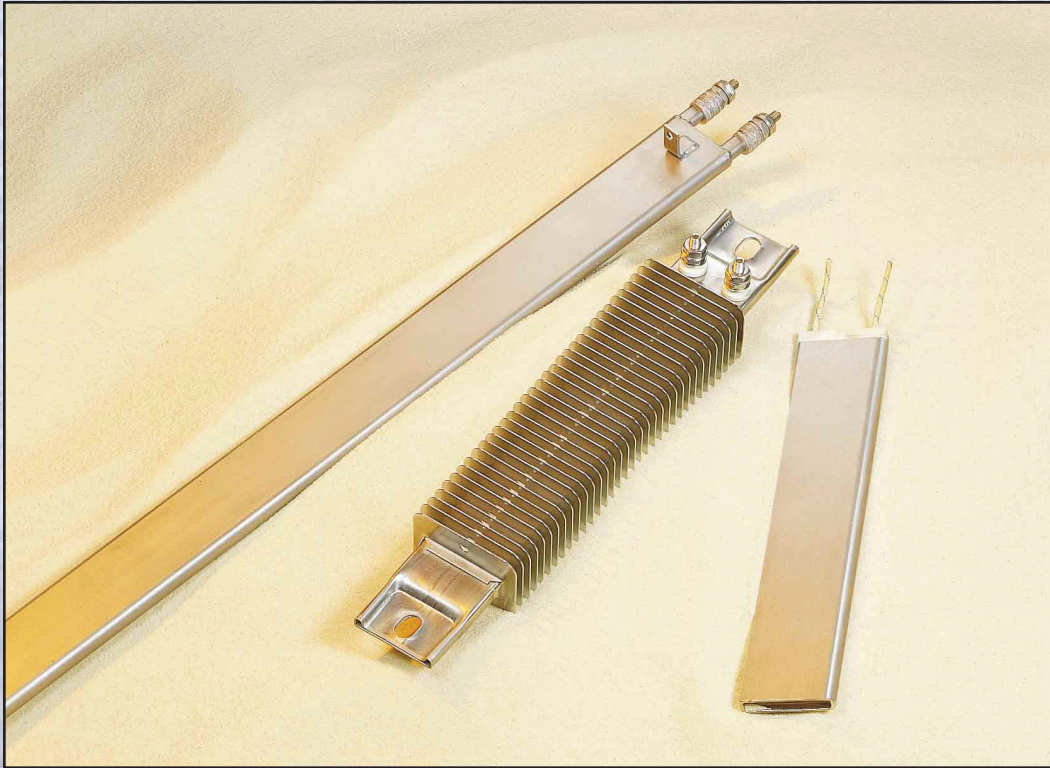


S T R I P H E A T E R S



Our Strip heaters feature maximum watt densities for your demanding high temperature applications.



HEATERLOGIX



CERAMIC STRIP HEATERS

HEATERLOGIX STRIP HEATERS

The Heaterlogix strip heater is $\frac{3}{8}$ " thick, $1\frac{1}{2}$ " wide and is available with a variety of terminations to suit your application.

This strip heater comes configured for either high or low density applications.

CERAMIC STRIPS

Ceramic Strip heater provides the ability to withstand higher temperatures (typically limited to 40 to 45 watts per square inch, depending on the application). The heater consists of a stainless steel sheath containing a high-temperature ceramic insulating a nickel chrome wire coil. Magnesium oxide (MgO) is used to fill any air pockets, thus providing the best heat transfer possible.

The terminals are also constructed of stainless steel and are securely anchored to prevent twisting out under normal conditions. Several terminations are available, including water-resistance.

Warranty coverage up to 480 Volts.

APPLICATIONS

Our Ceramic Strip heaters provide a dependable, versatile and efficient heat source for a wide range of applications, such as heating air, injection and extrusion dies, food tables and platens.

They are available in many lengths; if a desired length or type does not appear in the catalog, consult Heaterlogix. Whenever possible, please provide a dimensional sketch of your requirements with your order.

FEATURES AND BENEFITS

- Low expansion characteristics minimize movement away from block on applications not utilizing full clamping plate.
- Long life and the resulting reduction of equipment downtime.
- High heat transfer rates and rapid heat-up.
- Reduces number and physical size of heaters for many applications.
- 3-Phase available.
- Distributed wattage available.

SPECIFICATIONS

TOLERANCES:

Length: $\pm 1/8$ " (3.1 mm), width $+ .0$ " - $.040$ " (1.0 mm)

Wattage: $+ 5\%$ - 10%

Strip Thickness:

$3/8$ " (9.5 mm) nominal

Ceramic Strip Thickness:

$5/16$ " (7.9 mm) nominal

Width: $1\frac{1}{2}$ " (38.1 mm) nominal

TERMINAL SIZE:

Standard 10-32 stainless steel with 20 amp rating.

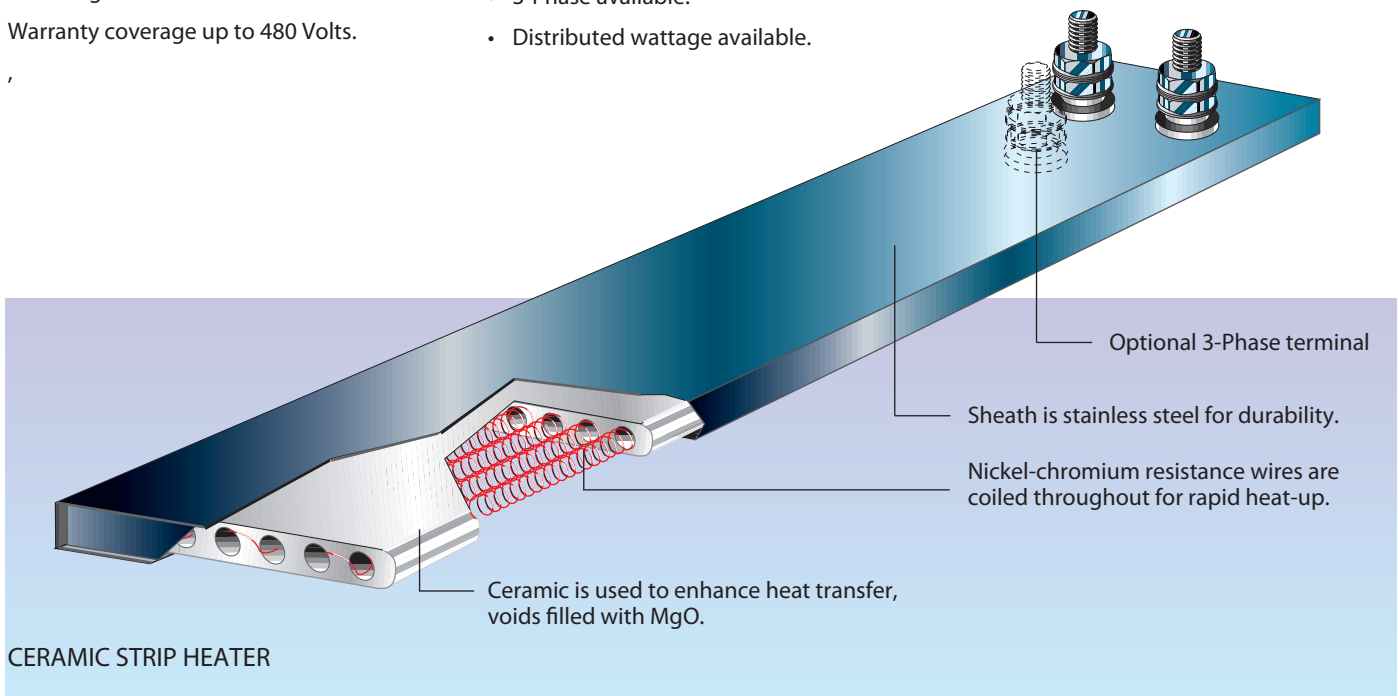
(Other sizes are available, consult factory.)

LEADS:

482° F (250° C) - 300 volt or 600 volt fiberglass leads U.L. listed, C.S.A. approved.

Standard strip heater dimensions are $3/8$ " (8.0 mm) thick and $1\frac{1}{2}$ " (38.1 mm) wide.

Contact Heaterlogix for additional details.



CERAMIC STRIP HEATER

CERAMIC STRIP HEATERS



FIBERGLASS LEADS

Standard heated length = OAL - 1"

Ceramic Strip
with Ceramic Cap

Ceramic Strip - Cement,
RTV or Epoxy fill with
retaining tab

w/Clip Support
Plain Leads

w/Clip Support 5. St. Braid
Over a Pair of Leads

w/Clip Support 5. St. Braid
Over Each Lead

w/Clip Support 5. St. Braid
Over a Pair of Leads

A

Simple leads designed for maximum heated length and to accommodate applications where leads can only be accessed from one end and height clearance is a concern.

10" (25.4 cm) leads standard, other lengths available.

Stainless steel braided lead is optional.

Mounting tab option is available only on end opposite lead end.

See chart A.



This heater termination style available.

SCREW TERMINALS

Standard heated length = OAL - 4"

Ceramic Strip

Standard heated length = OAL - 6"

Ceramic Strip

Width 1/2" (38.1 mm)
Ceramic screw is 1" (25.4 mm) long

B

10-32 Thread

Simple-to-wire screw terminals arranged for applications where large multiple heater systems wiring is very heavy and requires extra space.

Available with mounting tab option.
(Single tab available.)

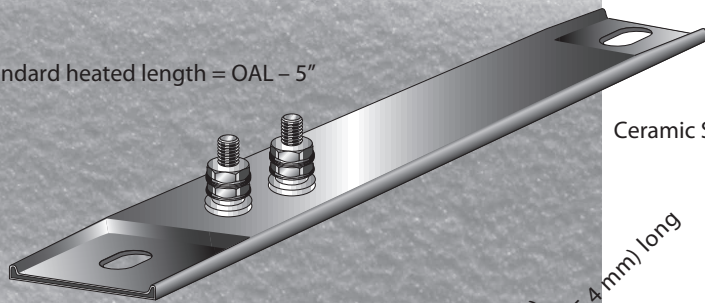
See chart B.



CERAMIC STRIP HEATERS

SCREW TERMINALS

Standard heated length = OAL - 5"



Ceramic Strip

Width $1\frac{1}{2}$ " (38.1 mm)
Ceramic screw is 1" (25.4 mm) long

A

10-32 Thread

B

10-32 Thread

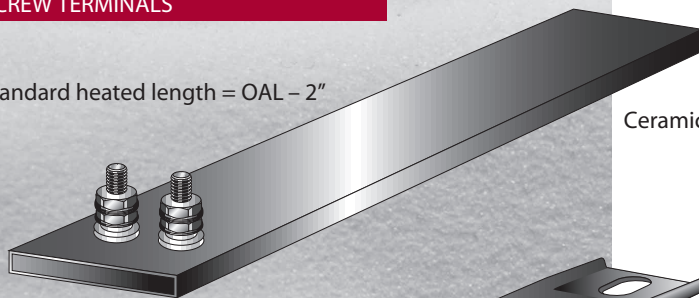
Simple-to-wire screw terminals for applications where lead access is only available from one side & suited for "bus bar" type hook up.

Shown with mounting tab option, approximate unheated length is 4" (10 cm) including tab at screw terminal end and 1" (25.4 mm) at opposite end.

See chart A.

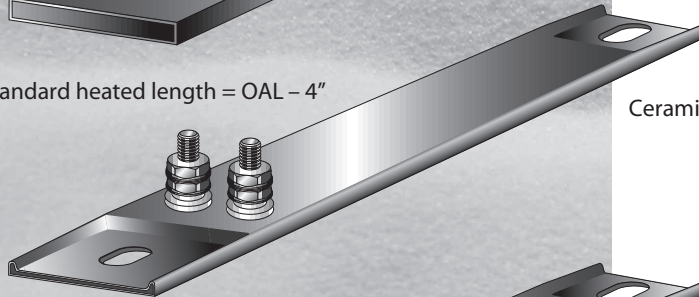
SCREW TERMINALS

Standard heated length = OAL - 2"



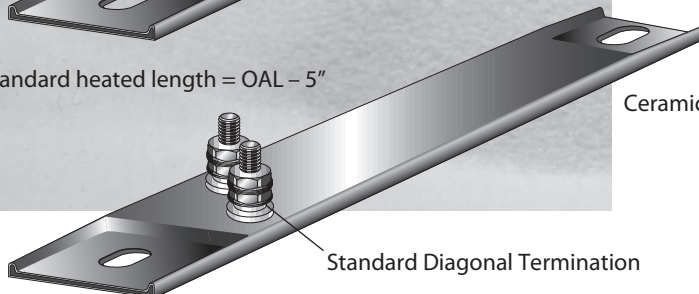
Ceramic Strip

Standard heated length = OAL - 4"



Ceramic Strip

Standard heated length = OAL - 5"



Ceramic Strip

Standard Diagonal Termination

Simple-to-wire screw terminals designed to accommodate applications where lead access can only be available from one side.

Also shown with mounting tab option.

See chart B.

Simple-to-wire screw terminals designed to accommodate applications where lead access can only be available from one side.

Shown with diagonal terminals and mounting tab option.

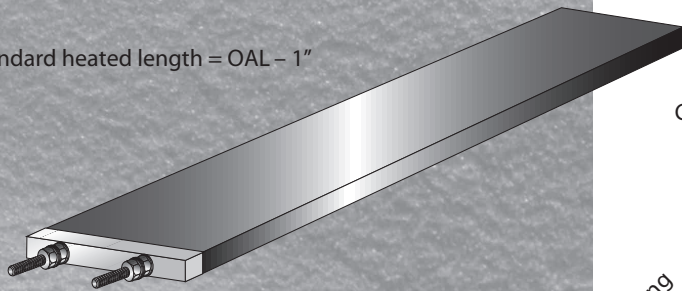
See chart B.

CERAMIC STRIP HEATERS



SCREW TERMINALS

Standard heated length = OAL - 1"



Ceramic Strip

Width 1/2" (38.1 mm)
Ceramic screw is 1" (25.4 mm) long

A

6-32 Thread

B

10-32 Thread

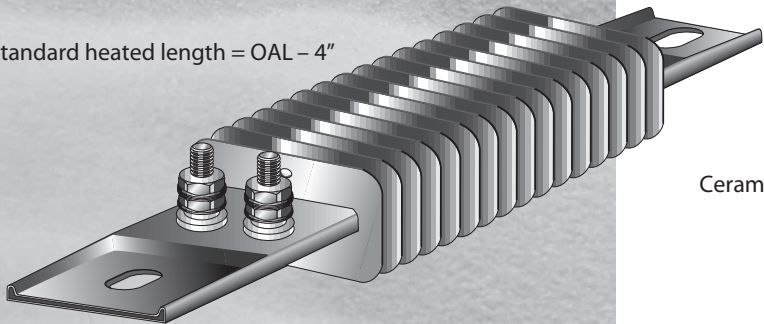
Simple-to-wire 6-32 stainless steel screw terminals arranged for maximum heated length, and for applications where lead access is only possible from one side and height clearance is a concern.

Mounting tab option is available only on end opposite screw terminal.

See chart A.

SCREW TERMINALS W/FINS

Standard heated length = OAL - 4"



Ceramic Strip

Heaterlogix has a complete line of finned strip heaters designed to provide excellent heat transfer to air. Finned strip heaters are available in a full range of sizes, wattages and voltage ranges.

Typical applications for finned strip heaters include duct heaters, space heaters, drying ovens and shrink tunnels.

Standard with stainless steel fins.

FIN DIMENSIONS:

2" (50.8mm) wide x 7/8" (34.9mm) high

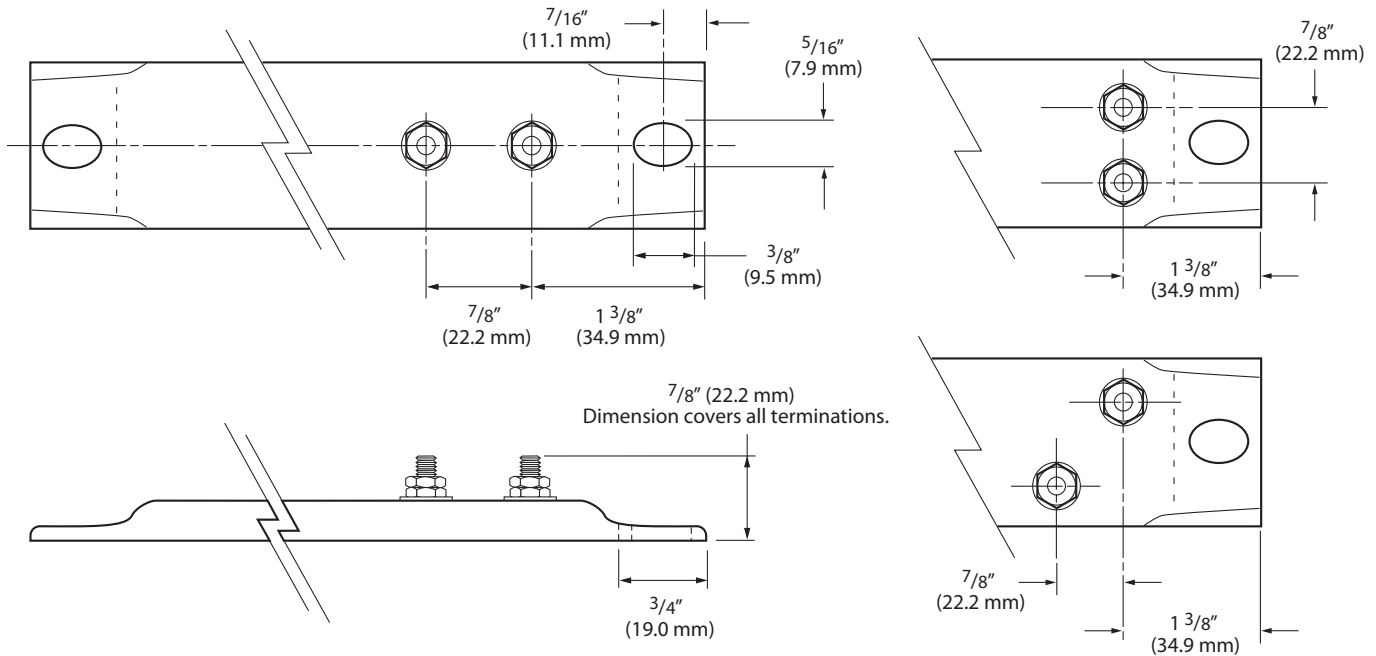
*Refer to page 114 for strip dimensions.

See chart B.



CERAMIC OPTIONS STRIP HEATERS

CERAMIC STRIP



CERAMIC FINNED STRIP

