

Duraband Features

Additional Duraband® Heater Features

Electrical Variations

Three-Phase On very high wattage band heaters it would be advantageous to set up the wiring three-phase to reduce the current load across a single conductor. Three-Phase wiring is available on select clamping/construction or termination variation (termination location is subject to engineering approval).

Min. ID: 3" (76.2 mm), **Min. Width:** 2" (50.8 mm)

Dual Voltage Band heaters can be designed using 3-wire series/parallel circuits for dual voltage applications. Whether the heater is run on the higher or lower voltage, the wattage will be the same. Dual Voltage wiring is available on any clamping/construction or termination variation.

Ground Terminal or Lead

For those applications requiring a separate ground terminal or lead attached to the heater sheath. A Ground Terminal or Lead is available on any clamping/construction or termination variation.

Single Phase/Three Phase Duraband Heaters can be designed with multiple circuits to operate single or three-phase.

Built-In Thermocouples

Heaters can be manufactured with a Built-In Thermocouple to closely control the temperature of the heater.

Type J or K thermocouples are available with fiberglass, wire braid or any other required insulation.

Consult Tempco with your requirements.

Construction Variations

All Stainless Steel Construction Mica band heaters can be constructed with the external sheath made entirely from stainless steel. This allows the Duraband to reach the maximum temperature of 1200°F (650°C). All Stainless Steel Construction is available on any clamping/construction or termination variation.

Other Sheath Materials Other sheath materials, such as rust-resistant steel, Monel®, aluminum, or copper are also available for unique applications.

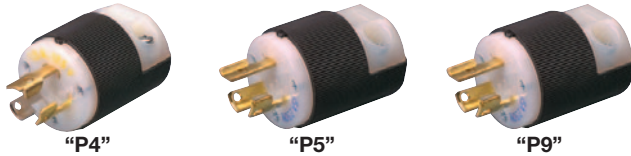
CONSULT TEMPCO
WITH YOUR REQUIREMENTS –
WE HAVE THE RIGHT SOLUTIONS

Lead Variations

Electrical Plugs Industry standard NEMA Twist-Lock® electrical plugs are available. The plugs can be attached to fiberglass leads, armor cable or wire braid. Electrical Plugs can be added to any clamping/construction or termination variation.

See page 15-15 for additional Twist-Lock electrical plugs.

Terminal Lugs Various types of crimp terminals can be attached to the heater leads to make wiring into applications quick and easy. High temperature 1200°F (649°C) ring terminals and nylon or PVC insulated terminals are available. Spade, ring, and right-angle or straight quick disconnect type terminals can be attached to the leads.



Reference	NEMA P or R	Amps	Volts	Plug Part Number	Connectors (Female) Part Number
P4 twist lock	L5-15	15A	125V	EHD-102-113	EHD-103-104
P5 twist lock	L6-15	15A	250V	EHD-102-121	EHD-103-107
P9 twist lock	L2-20	20A	250V	EHD-102-104	N/A

Ordering Information

Custom Engineered/Manufactured Heaters

Understanding that an electric heater can be very application specific, for sizes not listed **TEMPCO** will design and manufacture a Duraband Heater to meet your requirements. **Standard lead time is 2 weeks.**

Please Specify the following:

- Inside Diameter
- Width
- Wattage
- Voltage
- Quantity
- Termination (see pages 1-32 through 1-45)
- Lead Cable/Braid Length
- Construction style (see pages 1-28, 1-46 and 1-47)
- Clamping variation (see pages 1-29 through 1-31)
- Special Features

Stock Heaters

Order by Part number for stock heaters listed on pages 1-52 through 1-59.

⚠ WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov.