



SmithHeat™

Ceramic Strip Heater

COMPOSITION

"SmithHeat® Ceramic Strip Heaters offer high temperature performance in a rugged, contamination resistant stainless steel sheath"

SPECIFICATION

- Max. Temperature = 1200°F
- Max watt density = 75 W/linear inch. 120 if 2 sides in contact with heated part
- Maximum Wattage: 120 Watts per inch of heated length, 75 if only one side is contacting the surface.
- 1½" wide, 5/16" or 3/8" thick, up to 72" long
- 5/16" x ½" mounting slots (centre to centre = overall length - ¾)
- Maximum Voltage: 300V standard, 480V special
- Maximum Amperage (Leads) = 12 amps
- Maximum Amperage (Terminals) = 20 amps
- Wattage tolerance: +5%, -10%
- Resistance tolerance: +10%, -5%

OPTIONS

- S/S Braided leads for flexibility
- Button terminals
- S/S conduit for maximum lead protection
- Right angle exit available on any construction
- Dual voltage and 3 phase construction
- Spring guard upon request
- Built in thermocouple
- Euro plug
- Terminal box
- Ground wire construction
- Custom mounting holes
- Ceramic terminal covers

All values are attributes of the used raw materials.

The physical data contained in this table are typical values. They are obtained on test specimens under specific conditions and represent average values of a large number of tests. The results obtained on these tests specimens cannot be applied to finished parts without reservations, as behaviour is influenced by processing and shaping.