**Cartridge Heaters**

**Right-Angle Terminations**

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**Type R2 □ Right-Angle Leads**

*Available on HDC, HDM, and LDC cartridge heaters*

This termination is used when space is limited. Not suitable for abrasive environments. Same as C3 and W1 except plain leads. Various lead end finishes are available as listed below:

- **R2A** Cement potting, no lead end disc
  - Cement potting temperature rating: 1000°F (538°C)
  - Standard fiberglass lead wire temperature rating: 482°F (250°C)

- **R2B** Cement potting, welded lead end disc
  - Cement potting temperature rating: 1000°F (538°C)
  - Standard fiberglass lead wire temperature rating: 482°F (250°C)

- **R2C** Silicone rubber potting, welded lead end disc
  - Silicone rubber potting temperature rating: 450°F (232°C)
  - Standard silicone rubber lead wire temperature rating: 392°F (200°C)

- **R2D** High temperature epoxy potting, welded lead end disc
  - High Temperature epoxy potting temperature rating: 450°F (232°C)
  - Standard Teflon® lead wire temperature rating: 392°F (200°C)

- **R2E** Low temperature epoxy potting, welded lead end disc
  - Low Temperature epoxy potting temperature rating: 266°F (130°C)
  - Standard Teflon® lead wire temperature rating: 392°F (200°C)

➤ Minimum 3/8” up to 1” unheated section at the lead end is required.
➤ *Standard 10” (254 mm) leads. Specify other lead lengths.*

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**Type S2 □ Right-Angle Spring**

*Available on HDC, HDM, and LDC cartridge heaters*

The leads are reinforced with a steel spring for applications with extreme flexing. The spring is mechanically fastened or silver brazed.

- **S2A** Mechanically fastened spring
- **S2B** Silver brazed spring

➤ Minimum 3/8” up to 1” unheated section at the lead end is required.
➤ *Standard fiberglass lead wire temperature rating: 842°F (450°C), LDC: 482°F (250°C)*
➤ *Standard 10” (254 mm) leads. Specify longer leads.*

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**Dimensions for Type S2**

<table>
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<td>1-1/4 31.75</td>
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<td>1-1/4 31.75</td>
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**Dimensions for types R2**

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**Cartridge Heater — Flexible Spring Abrasion Resistant Right-Angle Terminations**

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(C) Insertion Length

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