

### Cartridge Heater — Plain Leads Right-Angle Terminations

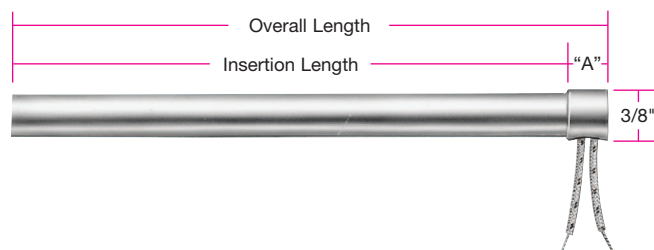
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#### Type R2 Right-Angle Leads

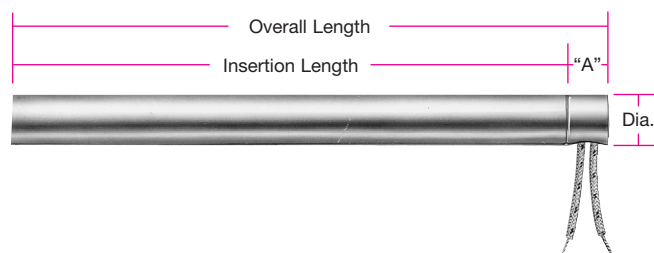
Dimensions for Type R2

	Diameter		Fig.	"A" Dim.	
	in	mm		in	mm
Hi-Density Cartridge Heaters	1/4	6.35	1	7/16	11.11
	5/16	7.94	1	7/16	11.11
	3/8	9.53	2	7/16	11.11
	1/2	12.70	2	9/16	14.29
	5/8	15.88	2	9/16	14.29
	3/4	19.05	2	9/16	14.29
	1	25.40	2	5/8	15.88
Low-Density Cartridge Heaters	1/4	6.35	1	7/16	11.11
	3/8	9.53	2	7/16	11.11
	1/2	12.70	2	9/16	14.29
	5/8	15.88	2	9/16	14.29
	3/4	19.05	2	9/16	14.29
	7/8	22.23	2	5/8	15.88
	15/16	23.81	2	5/8	15.88
	1	25.40	2	5/8	15.88
	1-1/4	31.75	2	5/8	15.88

TYPE R2 Fig. 1



TYPE R2 Fig. 2



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

#### 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

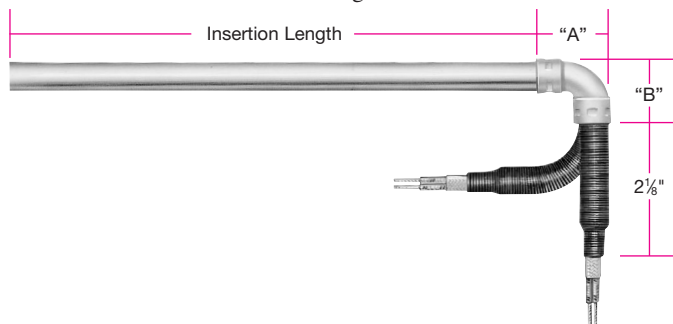
**S2B** Silver brazed spring

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

Dimensions for Type S2

	Diameter		Fig.	"A" Dim.		"B" Dim.	
	in	mm		in	mm	in	mm
Hi-Density Cartridge Heaters	1/4	6.35	1	3/4	19.05	3/4	19.05
	5/16	7.94	1	15/16	23.81	15/16	23.81
	3/8	9.53	1	15/16	23.81	15/16	23.81
	1/2	12.70	1	1-1/4	31.75	1-1/4	31.75
	5/8	15.88	1	1-1/4	31.75	1-1/4	31.75
	3/4	19.05	1	1-3/4	44.45	1-1/4	31.75
	1	25.40	2	1-1/8	28.58	1-3/8	34.93
Low-Density Cartridge Heaters	3/16	4.76	—	—	—	—	—
	1/4	6.35	1	3/4	19.05	3/4	19.05
	3/8	9.53	1	15/16	23.81	15/16	23.81
	1/2	12.70	1	1-1/4	31.75	1-1/4	31.75
	5/8	15.88	2	11/16	17.46	1-1/4	31.75
	3/4	19.05	2	3/4	19.05	1-1/4	31.75
	7/8	22.23	2	3/4	19.05	1-3/8	34.93
	15/16	23.81	2	1-1/8	28.58	1-3/8	34.93
	1	25.40	2	1-1/8	28.58	1-3/8	34.93
1-1/4	31.75	2	1-1/8	28.58	1-3/8	34.93	

TYPE S2 Fig. 1



TYPE S2 Fig. 2

