1/8" Diameter Cartridge Heaters Termination Types

**Type N  External Pins with Leads**  
*Standard Termination*  
➤ Minimum 1/4" cold section at lead end is required  
➤ 24 ga ultralead leads temperature rating: 482°F (250°C)  
➤ Leads externally crimped to nickel pins  
➤ **Standard** 10" (254 mm) leads. Specify longer leads.

**Type F  Internally Connected Flexible Leads**  
➤ Minimum 1/2" cold section at lead end is required  
➤ High temperature fiberglass leads temperature rating: 842°F (450°C)  
➤ Maximum Voltage: 120V  
➤ **Standard** 10" (254 mm) leads. Specify longer leads.

**Type M3  Teflon® End Plug Seal with Teflon® Leads**  
➤ Minimum 1/2" cold section at lead end is required  
➤ 24 ga Teflon® insulated leads temperature rating: 392°F (200°C)  
➤ Moisture resistant swaged Teflon® seal  
➤ **Standard** 10" (254 mm) leads. Specify longer leads.

**Type C1B  SS Cable, Mechanically Fastened**  
➤ Minimum 1/4" cold section is required  
➤ Provides maximum protection for abrasive environment  
➤ Maximum Voltage: 120V  
➤ **Standard** 10" (254 mm) cable over 12" (305 mm) leads. Specify longer leads or cable.

**Type W  SS Braid, Mechanically Fastened**  
➤ Minimum 1/4" cold section is required  
➤ Offers sharp bending and abrasion protection  
➤ Maximum Voltage: 120V  
➤ **Standard** 10" (254 mm) cable over 12" (305 mm) leads. Specify longer leads or cable.

1/8" Diameter Cartridge Heaters Mounting Options

**Type R4  Bent Cartridge**  
➤ Heater Sheath is bent up to 90°  
➤ Bend is through a required cold section  
➤ Standard sheath extension past the bend is 1"

**Type MFR  Mounting Flange**  
➤ 1" diameter; 2 × 9/64” mounting holes are standard  
➤ Other sizes available