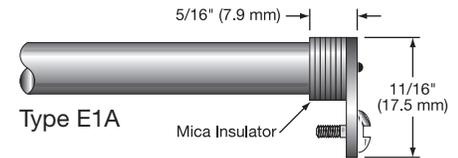## Tubular Heater Standard Terminations
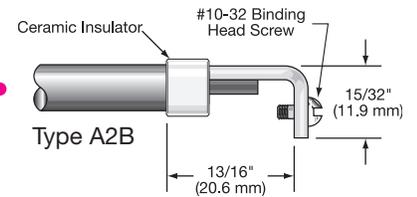
TYPE E__ __—Right-Angle Lug Terminal

Type E1A 8-32 screw with mica insulator (Standard)
Type E1B 8-32 screw with ceramic insulator
Type E2A 10-32 screw with mica insulator
Type E2B 10-32 screw with ceramic insulator

Type E1A
5/16" (7.9 mm)
11/16" (17.5 mm)
Mica Insulator

TYPE A__ __—Right-Angle Terminal (for use when space is tight)

Type A1A 8-32 screw with mica insulator
Type A1B 8-32 screw with ceramic insulator
Type A2A 10-32 screw with mica insulator
Type A2B 10-32 screw with ceramic insulator (Standard)

Ceramic Insulator
#10-32 Binding Head Screw
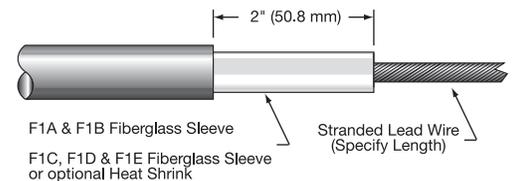Type A2B
15/32" (11.9 mm)
13/16" (20.6 mm)

TYPE F1__—Lead Wire

When selecting a lead wire type, consideration should be given to the maximum ambient temperature the lead wire is exposed to and the environment it is in. Lead wire options Type R1 and W1 below will provide additional environmental protection to the Type F1 lead wire selected.

Type F1A 250°C (482°F) TGGT insulation
Type F1B 450°C (842°F) MGT insulation
Type F1C 200°C (392°F) Teflon® insulation
Type F1D 150°C (302°F) Silicone Rubber insulation
Type F1E 105°C (221°F) Thermoplastic (PVC) insulation

Standard 10" (254 mm) leads with fiberglass sleeve. Specify if other lead length is required.

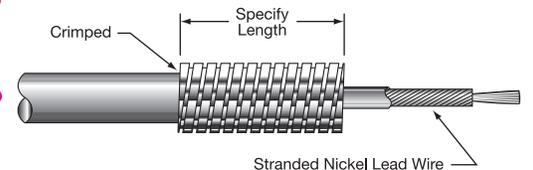F1C F1D & F1E available with optional heat shrink sleeving. Specify when ordering if required.

2" (50.8 mm)
F1A & F1B Fiberglass Sleeve
F1C, F1D & F1E Fiberglass Sleeve or optional Heat Shrink
Stranded Lead Wire (Specify Length)

CAUTION *Lead wire gauge is determined by the ampacity of the heater with the lead wires in an ambient temperature of 40ºC (104ºF). Higher ambients may require heavier gauge lead wires.*

Lead Wire Termination Options

TYPE R1__—Flexible Armor Cable

Type R1A Galvanized cable
Type R1B Stainless steel cable

Provides excellent protection to lead wires in abrasive environments.

Standard 10" (254 mm) armor cable over 12" (305 mm) leads. Specify if other lead and/or cable lengths are required.

Crimped
Specify Length
Stranded Nickel Lead Wire

TYPE W1—Stainless Steel Wire Braid

Provides good protection to lead wires where flexibility is needed. Standard 10" (254 mm) braid over 12" (305 mm) leads. Specify if other lead and/or cable lengths are required.

Crimped Collar
Specify Length