

# LOW THERMAL™

Measure Better™



## Model 2760 Low Thermal EMF Binding Posts

The 2760 is a new 5-way binding post designed specifically for standards and precision measurement equipment applications. The binding post conducting materials are manufactured from tellurium copper and are direct plated with gold for high corrosion resistance. The use of tellurium copper instead of beryllium copper or brass, as well as gold plating with no nickel under plating ensure these posts exhibit the lowest contribution of thermal EMF.

The 2760 features nylon for all insulator materials to provide the lowest leakage and the highest mechanical reliability compared to other plastics used for binding posts. The plastic parts are virtually unbreakable and will not absorb oils and other contaminants over time that degrades measurement performance. An insertion ramp is included in the barrel to extend the life of the mating plug and post bore. Finally, careful attention to placement of metal mass within the body of the post minimizes the transient thermal EMF created by the heat from friction and from the user's fingers while tightening the cap, minimizing the settling time after lead changes.

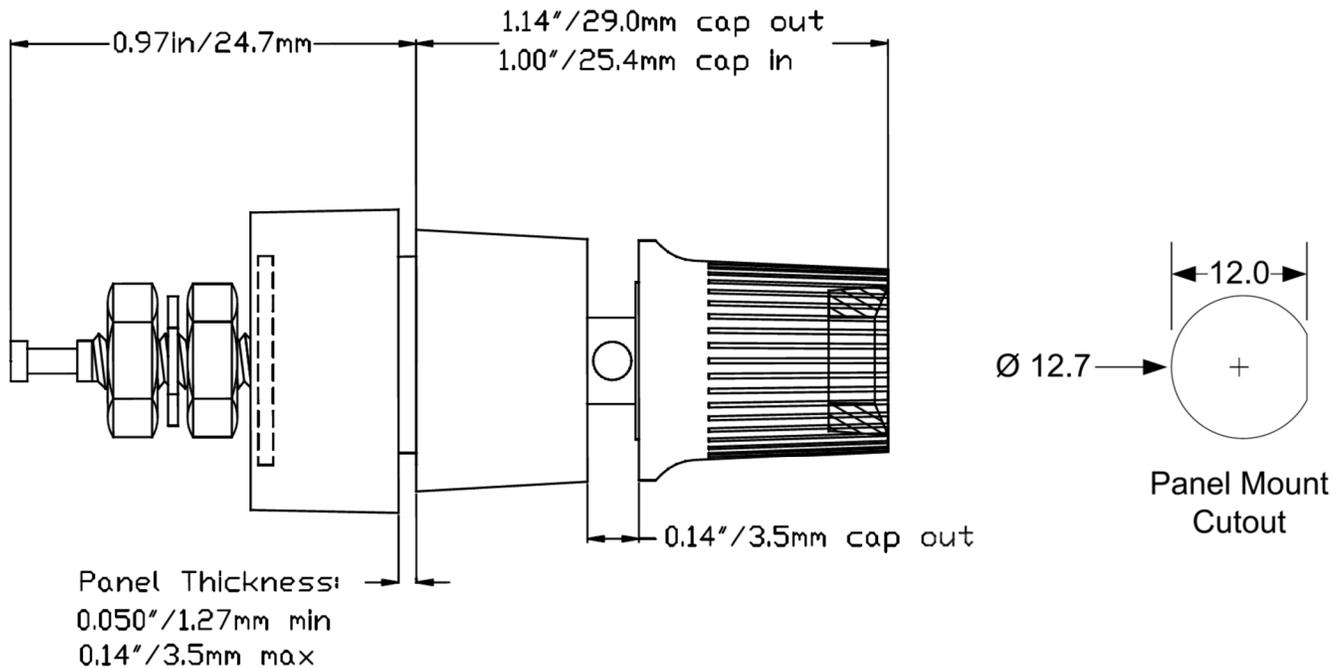
## FEATURES

- Low Thermal EMF 5-way binding post
- Tellurium Copper used for all metal parts for lowest EMF and highest conductivity
- Direct gold plating for lowest Thermal EMF - No Nickel under plating
- 10 micro-inch thick Gold plating for increased oxidization resistance, high reliability, and long life
- All nylon insulator material
- Low transient thermal EMF, fast setting
- Insert colors available
  - Black
  - Brown
  - Red
  - Yellow
  - Green
  - Blue
  - Violet
  - Gray
  - White
- Matching copper ring and fork available for lowest thermal EMF connections
- RoHS compliant

# Model 2760 Low Thermal EMF Binding Posts

## Models and Ordering Information

LTE-2760-xx	xx = 00 black insert	xx = 05 green insert
	xx = 01 brown insert	xx = 06 blue insert
	xx = 02 red insert	xx = 07 violet insert
	xx = 04 yellow insert	xx = 08 gray
		xx = 09 white



## Accessories

Accessories are available that complement the 2758 Low Thermal Binding Posts and ensure the highest performance in demanding applications.

Low Thermal Fork Terminal  
2758-Fork



Low Thermal Ring Terminal  
2758-Ring



Chassis Ground Adapter  
2758-Gnd

