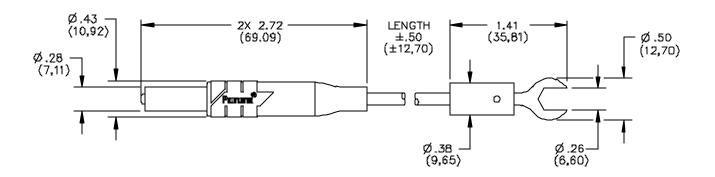
# Pomona®

# Model 5295 Low Voltage Retractable Sheath Banana Plug To Spade Lug



## **FEATURES:**

- Model 5295 is part of a family of test accessories ideal for low voltage precision measurements.
- Designed to greatly minimizes the effect of Thermal Electric Voltage (Thermal EMF). Thermal EMF is generated at the junction of dissimilar metals at different temperatures and is a common source of error in low micro and nano volt measurements.
- Banana plug materials feature gold plated Tellurium Copper body and gold plated Beryllium Copper spring for low thermal EMF
- Spade lug is of high conductivity Electrolytic Tough Pitch (ETP), 110 Copper Alloy.
- Banana plug is designed with retractable sheaths for versatile use in safety sheathed or non-sheathed jacks.
- Banana plugs are attached to low resistance multi-stranded 12 gauge wire.

### **MATERIALS:**

Retractable Sheath Banana Plug:

Plug Body - Tellurium Copper, gold plated

Plug Spring - Beryllium Copper, gold plated

Tip - Nylon 6, color matches wire.

Compression Spring - Stainless steel

Insulation - Nylon 6, Color matches wire.

Wire: 12 AWG; Stranding 7 x 38/36 Bare Copper, PVC Insulated, .144" (3,66 mm) O.D.

Marking: "Model 5295-XX-\*"

Spade Lug: Electrolytic Tough Pitch (ETP), 110 Copper Alloy, ½ Hard, Gold Plated

Insulation: Polypropylene molded to spade lug body and wire, color matches wire.

#### **RATINGS:**

Operating Temperature: +55° C (+131°F) Max.

Operating Voltage: 1000 VRMS/DC Current: 7 Amperes. Continuous

**ORDERING INFORMATION:** 5295-XX-\*, XX = Length in inches. \* = Color, Std. Colors: -0 Black, -2 Red

Standard lengths in inches: 36" (91,44 cm). Additional lengths can be quoted upon request.

All dimensions are in inches. Tolerances (except noted):  $.xx = \pm .02$ " (,51 mm),  $.xxx = \pm .005$ " (,127 mm). All specifications are to the latest revisions. Specifications are subject to change without notice. Registered trademarks are the property of their respective companies. Made in USA

6/9/99 SY/FH/LS Sales: 800-490-2361 Fax: 888-403-3360 Technical Assistance: 800-241-2060 Pomona*ACCESS* **90814** (800) 444-6785 or (425) 446-6010 More drawings available at www.pomonaelectronics.com