



**Distributor of Pomona Electronics: Excellent Integrated System Limited**

Datasheet of 5295-36-0 - LOW EMF BANA/SPADE LUG 36" BLK

Contact us: [sales@integrated-circuit.com](mailto:sales@integrated-circuit.com) Website: [www.integrated-circuit.com](http://www.integrated-circuit.com)

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## **Excellent Integrated System Limited**

Stocking Distributor

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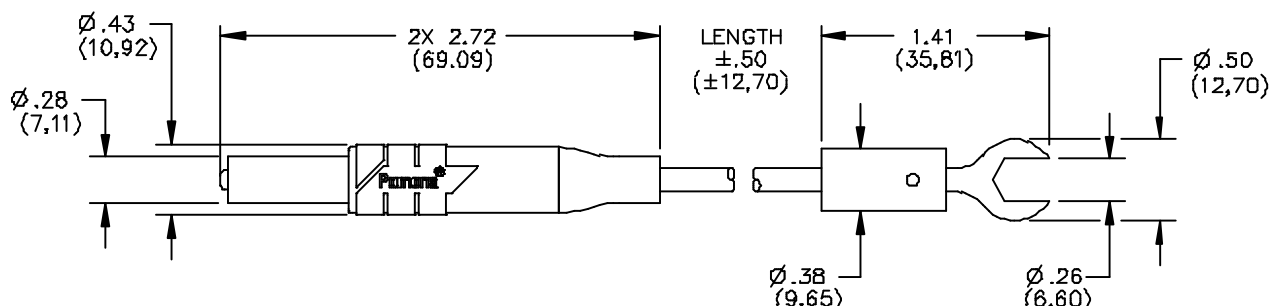
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# Pomona®

## 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 minimize 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 = ±.02" (.51 mm), .xxx = ±.005" (.127 mm).

All specifications are to the latest revisions. Specifications are subject to change without notice.

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