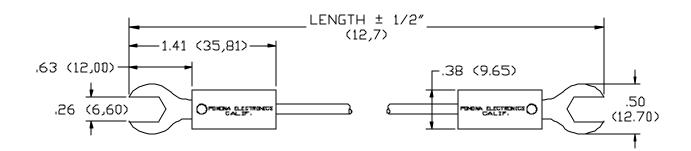
# Pomona®

# Model 1693 Spade Lug Patch Cord For Low Voltage Measurements



#### **FEATURES:**

- The Model 1693 is part of a family of test accessories ideal for low voltage precision measurements.
- Spade lugs of high conductivity gold plated ETP copper alloy 110, are attached to low resistance multi-stranded 12 gauge wire.
- This design 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.

#### **MATERIALS:**

Spade Lugs: ETP (Electrolytic Tough Pitch) 110 Copper Alloy, 1/2 Hard, Gold Plated

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

Marking: POMONA ELECTRONICS CALIF.

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

Marking: Model 1693-\*

#### **RATINGS:**

Operating Voltage: 2000 VRMS/DC

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

Current: 20 Amperes Continuous

#### ORDERING INFORMATION: Model 1693-XX-\*

XX = Length in inches, \* = Color

Standard lengths: 36" (91,44cm) & 60" (152,40cm). Made To Order lengths can be quoted upon request.

Standard Colors: -0 Black, -2 Red

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/EH/LS Sales: 800-490-2361 Fax: 888-403-3360 Technical Assistance: 800-241-2060 Pomona*ACCESS* **90272** (800) 444-6785 or (425) 446-6010 More drawings available at www.pomonaelectronics.com

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