



### 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 = ±.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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