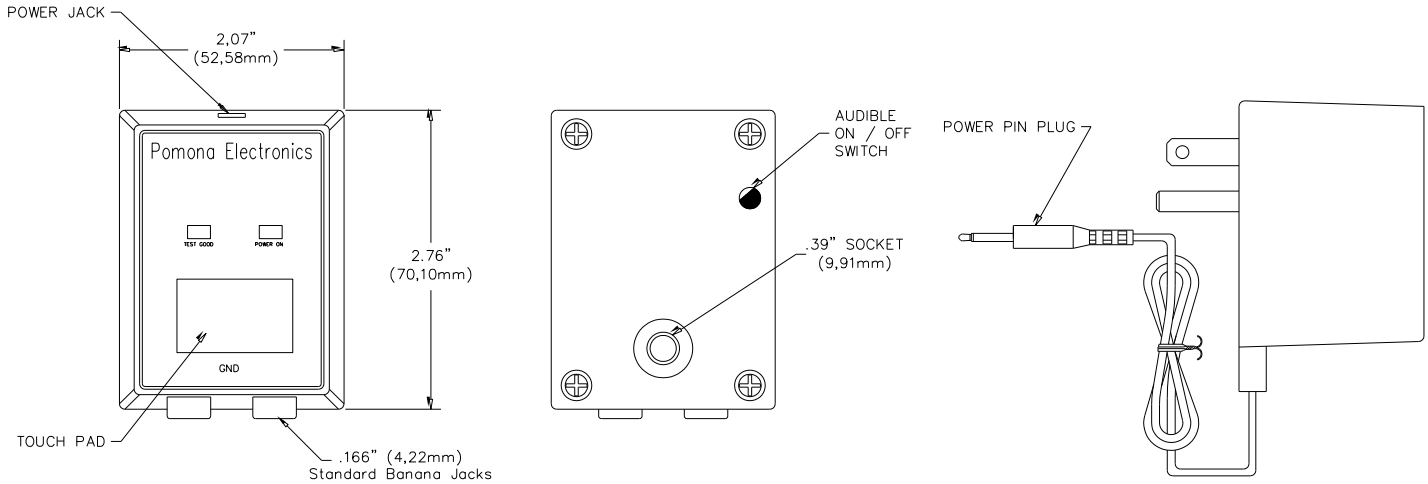
Pomona ELECTRONICS

Technical Data Sheet

Model 6086
ESD Wrist Strap Tester



Features

- Touch type on-demand tester and common point ground
- Test any wrist strap connected to utility ground with a simple touch
- Tester has two Banana Plug Sockets for Wrist Strap cord attachments
- Once connected, the user simply touches the unit and a green light and audible sound indicate a proper ground
- Audible indicator has selectable on or off
- Tester can be mounted near your work area with Velcro® strips, or using an integral button 10mm snap stud, attached directly to your static-safe work mat
- Powered by a 120 Vac wall adapter, the tester has a “Power on” indicator
- It is practical for both a quick test or as a continuous ground point connection
- UL listed

Materials

Wrist Tester:
- Snap Socket (Rear): 10mm (0.39”), Nickel Plated
- Banana Plug Sockets: Nickel Plated
- AC Adapter Jack: Nickel Plated

AC Adapter: 120 Vac wall adapter (6.5 Vdc Power Supply)
Velcro® Strip: Adhesive backed hook and loop mounting pads

Ordering Information

Model **6086**
Includes: One tester, AC adapter, two Velcro® pads, and instruction sheets

USA: Sales: 800-490-2361
Technical Support: technicalsupport@pomonatest.com
Fax: 425-446-5844
Europe: 31-(0) 40 2675 150 **International:** 425-446-5500
Where to Buy: www.pomonaelectronics.com

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. Registered trademarks are the property of their respective companies.

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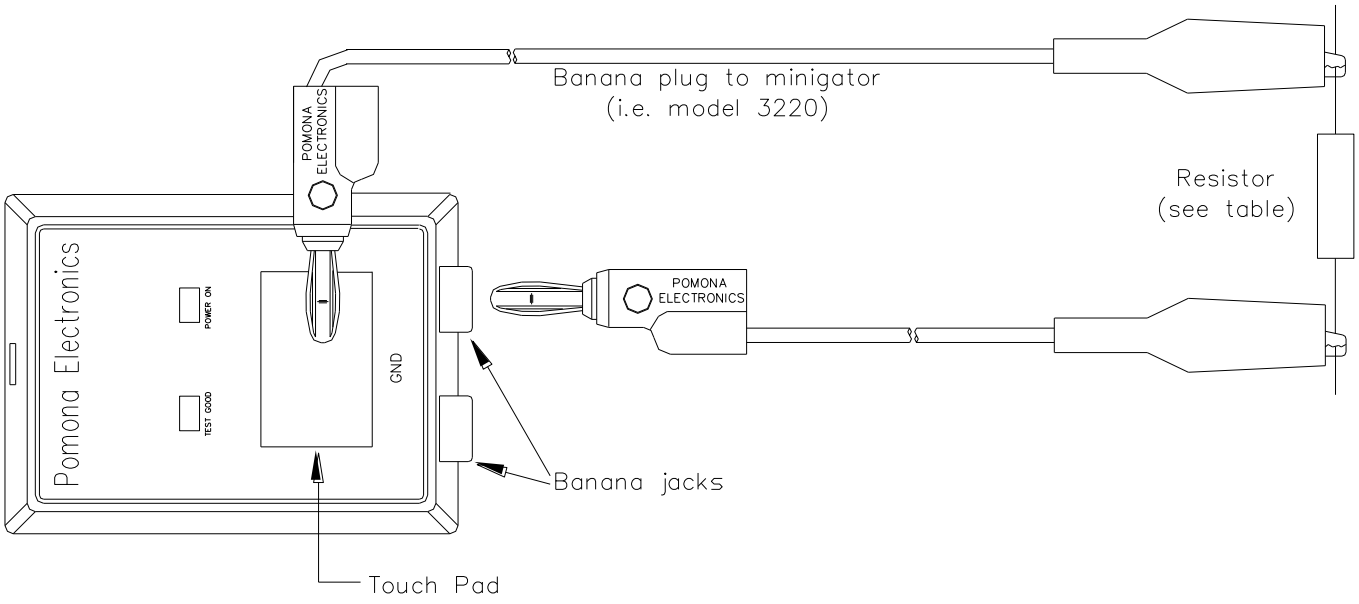
Model 6086
ESD Wrist Strap Tester

Calibration

Calibration of Pomona model 6086 is recommended annually. Calibration should be performed to ensure that the tester is operating within limits. The calibration may be checked with discrete resistors.

Resistance Value (+/- 10%)	Test Display
675 KOhms	Red (Low-hazard)
825 KOhms	Green (OK-in limits)
8.5 MOhms	Green (OK-in limits)
11.5 MOhms	Red (High resistance)

To calibrate, simply place each resistance value (see table) between the touch plate and banana grounds. Observe that the proper test display LED is on (see table) for the selected resistor. Be sure to hold the test cord at an insulated point, so the resistance value is not affected by the body. There are no adjustments inside.



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