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### Anderson Power Products SB@50 Connectors

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Anderson Power Products SB@50 Connectors feature a one-piece plastic housing using stainless steel springs to hold low-resistance contacts in place. These connectors work with wire contacts up to 6AWG (10mm<sup>2</sup>) as well as PCB and busbar contacts. The genderless design mates with itself and has a plated through-hole mounting style. Anderson SB@50 Connectors are UL-rated for hot plugging up to 50A while low-resistance silver- or tin-plated copper contacts allow UL-rated currents up to 120A.

## FEATURES

- Plated through-hole mounting style
- Wire, PCB, and busbar contacts
- Low-resistance silver- or tin-plated copper contacts
- Works with wire sizes from 16AWG (1.5mm<sup>2</sup>) to 6AWG (13.3mm<sup>2</sup>)
- UL-rated for hot plugging up to 50A
- Genderless design mates with itself
- Color-coded mechanical keys
- -20°C to +105°C operating temperature range for standard housings
- -40°C to +105°C operating temperature range for chemical-resistant housings
- 2200V<sub>AC</sub> dielectric withstanding voltage

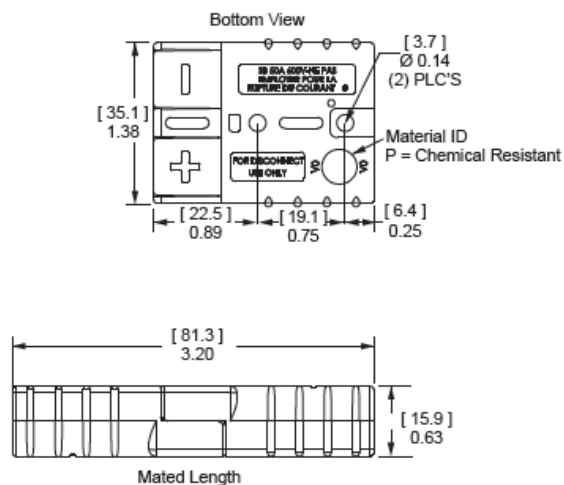
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## ADDITIONAL RESOURCE

- [SB Connectors Assembly Sheet](#)

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## DIMENSIONS



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## LEARN MORE ABOUT

### Anderson Power Products E-Mobility Solutions

Designed to bring power, or power and signaling, to and from e-mobility equipment.

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