

UBC SUPERMILEAGE

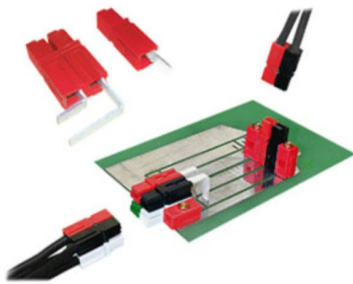
Car- PCB Connections

Requirement for PCB connector:

- Be able withhold current for starter motor. Current of PCB Connector must be at least 30 * 1.5 = 45 Amps
- Used for wiper, horn, starter, and light switch connections to PCB's

Suggested PCB Connectors:

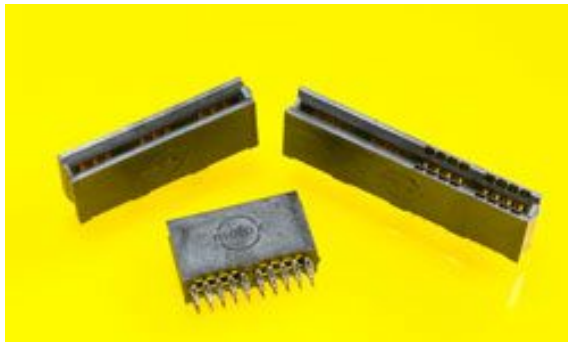
- High Current printed circuit board (PCB) contact series



- They are UL Recognized at 45 amps, AC or DC.
- Price: Approx 50 cents

<http://www.powerwerx.com/anderson-powerpoles/housings-contacts/printed-circuit-board-pcb-45-amp-contact.html>

- EXTreme PowerEdge™ Connectors
 - EXTreme PowerEdge™ connectors with signal contacts for combined high-power and signal card edge or bus bar tab applications
 - 40 Amps
 - 250V



http://www.molex.com/molex/products/family?key=extreme_poweredge_&channel=products&chanName=family&pageTitle=Introduction&parentKey=power_connectors

- Mini-Fit Sr. PM Connectors
 - Compact 10.00mm connector available in silver or gold
 - Max current of 50A
 - cost: 6\$



http://www.molex.com/molex/products/family?key=minifit_sr&channel=products&chanName=family&pageTitle=Introduction&parentKey=wire_to_board_connectors