**7000 SERIES**

**Rebling Power Connectors**

**7007 Quick Disconnect Plug**

Rebling Power Connectors’ 7007 Quick Disconnect Plug is a two socket, four wire plug designed and qualified to the requirements of MS25182-2 and MIL-PRF-18148/2. The 7007 mates with Rebling’s 7002 & 7009 battery receptacles and all other receptacles meeting specification MS3509. The 7007 was designed for the rigorous requirements of the aircraft industry and has become the standard for high current aircraft battery connectors. This high current power connector plug makes an ideal bulkhead connector, and can be used as a battery disconnector to quickly and safely connect and disconnect DC power to any device.

**TOP FEATURES**
- Four-Wire design per MS25182-2
- Mates with MS3509 Receptacle
- Corrosion resistant stainless steel shaft and fasteners
- QPL listed per MS25182-2 and MIL-PRF-18148/2

**ELECTRICAL**
- 750 Amps continuous current, 3000+ Amps peak, while maintaining low contact resistance *
- High Voltage applications of 2500+ VDC
- Capable of accommodating up to 4/0 cable
- Contact Resistance: Less than 90mv at 1500 Amps for 1 minute, Less than 45mv at 750 Amps for 5 minutes (when mated with 7000 Series)

**MECHANICAL**
- Four side access cable openings (cable gauge up to 4/0)
- Temperature range: -65 to 160°F (-85 to 71°C)
- Made from chemical & fungus resistant, glass reinforced, high temperature thermoplastic
- 5000+ mating cycles

**COMMERCIAL ORDERING INFORMATION**
- 7007, Standard MS25182 qualified unit
- 7007-1, Extended Handle
- 7007-2, Extended Terminal Length
- 7007-3, Low Profile w/Stainless Steel Handle
- 7007-4, “T” Handle

*These statements are based on tests performed under controlled conditions. All applications are unique. Please consult us on how your application may differ.

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