

## Power Busbar Connector



### OVERVIEW

Luxshare-TECH's power busbar connector, its contacts with very high conductivity pure copper. Silver plating and independent support beams enable the current carrying capacity up to 700A and independent helper springs ensure contact with busbar when busbar insert into it from nonparallel position. The contact beams with "independent" stainless steel helper spring clip ensure proper normal force level and very low, stable contact resistance for each contact beam in product life cycle.

### FEATURES & BENEFITS

- Solder tab or screw mount option available
- Current carrying capacity up to 700A
- Independent beams ensure contact with busbar well

### PRODUCT APPLICATIONS

AC/DC pluggable power supplies  
Networking equipment  
Switches  
Servers

### INDUSTRY STANDARDS

OCP  
ODCC

## TECHNICAL INFORMATION

### MATERIAL

Contacts: Copper Alloy  
Clip: Stainless steel  
Finish: Dull Silver Plated Nickel Plated  
Housing&Barrier: High temperature thermoplastic(UL 94V-0)

### ELECTRICAL PERFORMANCE

Current: Up to 700A (30°C temperature rise in still air)

### ENVIRONMENTAL

Operating temperature : -45°C TO +105°C  
Storage temperature : +15°C TO +35°C  
Relative humidity : 20% to 80%  
Atmospheric pressure : 650mm to 800mm of Hg (86 ~106Kpa)

### MECHANICAL PERFORMANCE

Rated Durability Cycles: 100  
Mating Force: 50N MAX  
Unmating Force: 9.8N MIN  
Mating bus-bar: 3.0±0.1mm thickness with Ra0.8 finish

### PACKAGING

Tray

### SPECIFICATION

ES-11-00-0023

### Partial PN Table

Product Numbers	Product Description
PPB000-002T-200-0R	POWER Conn For 200A, Au 30u", solder type
PPB000-006T-200-0R	POWER Conn For 200A, Au 30u", screw mounting type
PPB000-0403-100-0R	POWER Conn For 700A, the contact without bump, Au 30u"
PPB000-0403-103-0R	POWER Conn For 700A, the contact with bump, Au 30u"
PPB000-0403-101-0R	POWER Conn For 700A, the contact with bump, Au 30u", with plastic cover