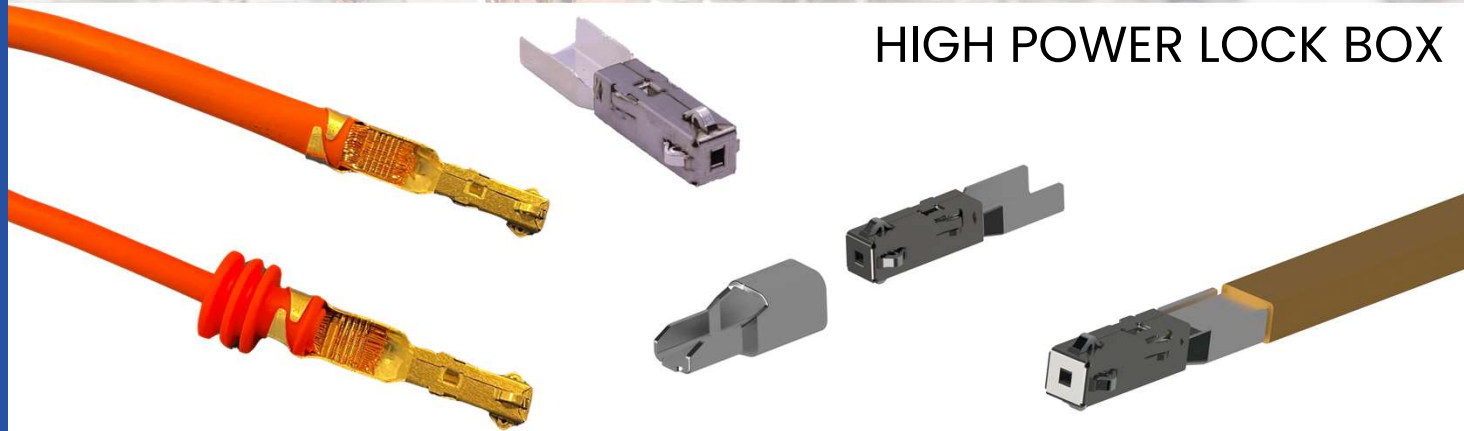


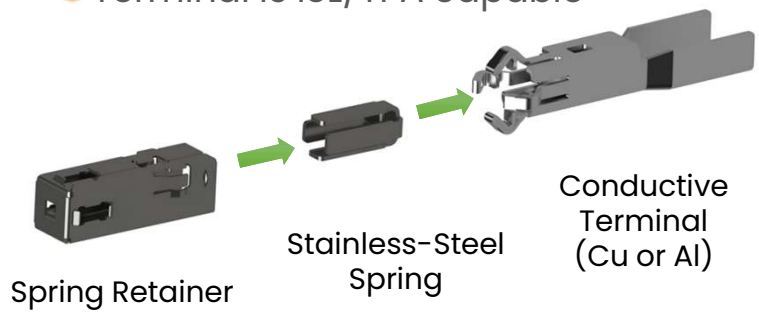
# HPLB MINI TERMINAL

## HIGH POWER LOCK BOX



### BENEFITS & FEATURES

- Patented Terminal Contact System
- Industry Leading Power Density – Enables smaller connector packaging and reduces weight
- Ultra Efficiency – Negligible Resistance Loss as compared to bolted contacts
- Reliability – Inverted contact system improves contact force over terminal lifetime
- Connection Flexibility – Female terminal geometry tailored to application requirements
- Validated to USCAR-2 T4 / V4
- USCAR-38 Compliant
- Robust High-Speed Stamping MFG Process
- Available in copper & aluminum terminal bodies to avoid dissimilar metals within application
- HPLB terminations can improve both wire and busbar connections
- Terminal is ISL/TPA capable



### TERMINAL CAPABILITIES

Terminal Construction	Three-piece
Wire Gage Range (AWG)	9 – 5
Wire Gage Range (mm <sup>2</sup> )	6 – 16
Configuration	Inline/Device
Sealing Options	Cable Sealed
Plating Options	Sn, Ag
Terminal Orientation	180°
USCAR-20	>150,000 miles



**MAX TEMPERATURE**  
175°C



**MAX VIBRATION**  
31 G

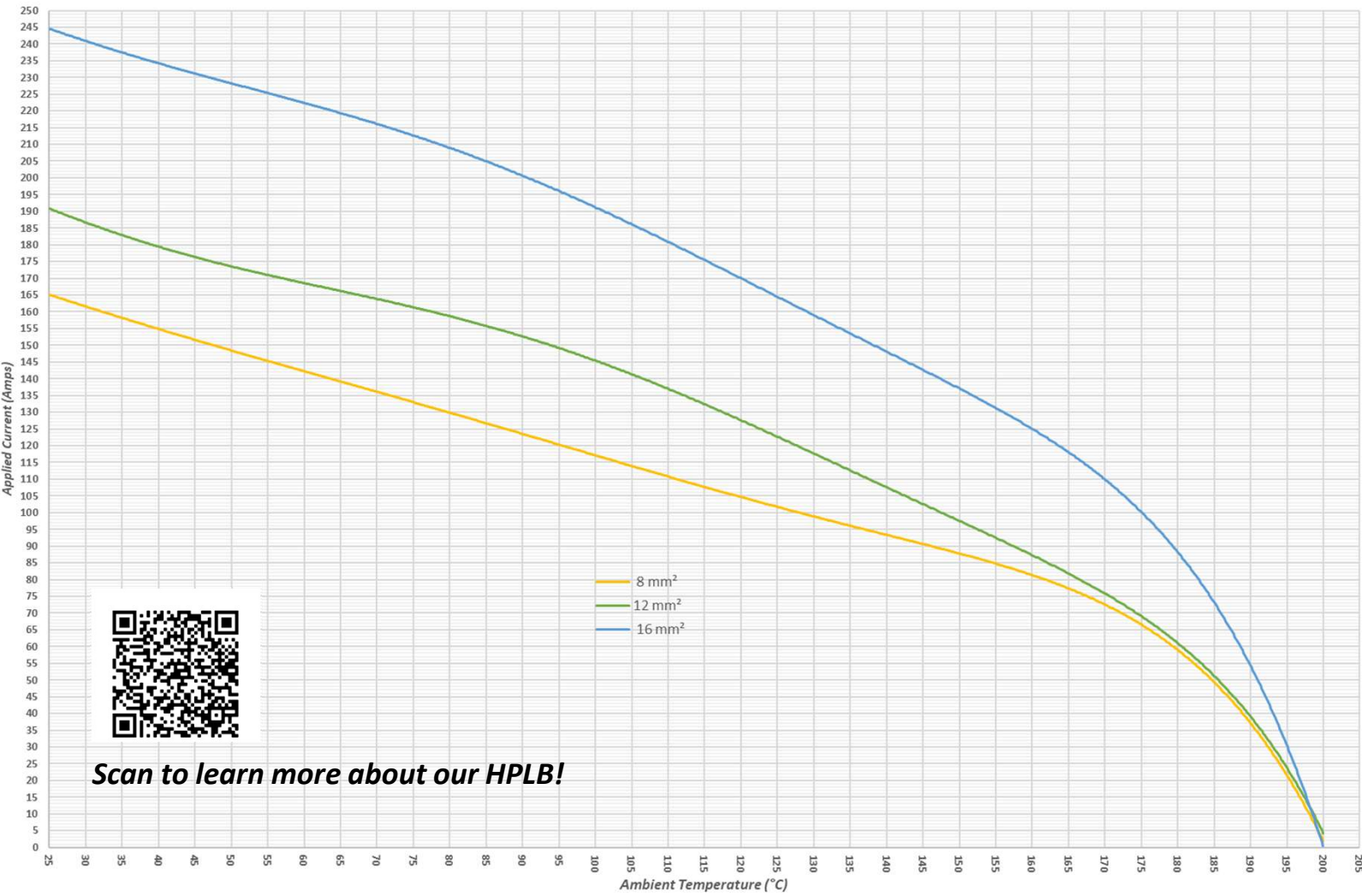


**MAX CURRENT**  
245 A

### TECHNICAL CHARACTERISTICS

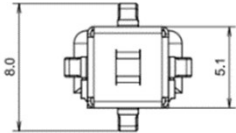
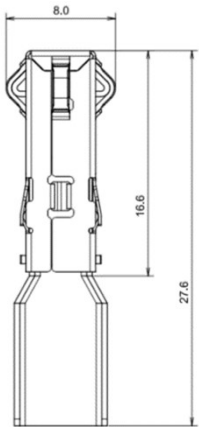
Contact Resistance	0.37 mΩ
Contact Mating Force	15 N
Contact Un-mating Force	18 N
Mating Cycles	30 (Sn) / 50 (Ag)

# HPLB MINI (Ag Plated) Derated at 80%

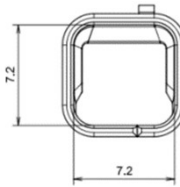


Scan to learn more about our HPLB!

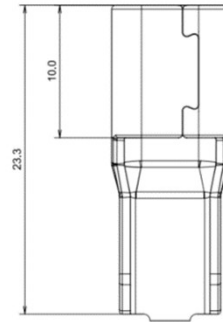
## PACKAGING



Male



Female



Cavity standards available upon request

## CONTACT US

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**Royal** POWER SOLUTIONS  
 POWERING GREAT CONNECTIONS

The test data was collected from single circuits in a draft free enclosure. This model does not account for all the variables that would be present in an actual application. For additional detailed product performance, visit our website at [www.RoyalPowerSolutions.com](http://www.RoyalPowerSolutions.com)