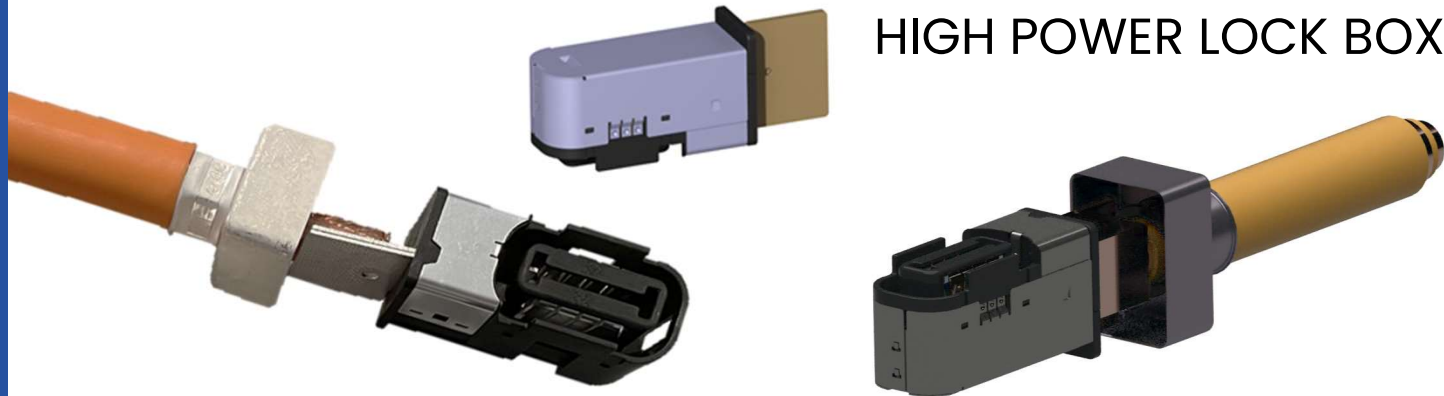


HPLB LP8 SHIELDED TERMINAL

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



MAX TEMPERATURE
175°C



MAX VIBRATION
31 G



MAX CURRENT
630 A



TERMINAL CAPABILITIES

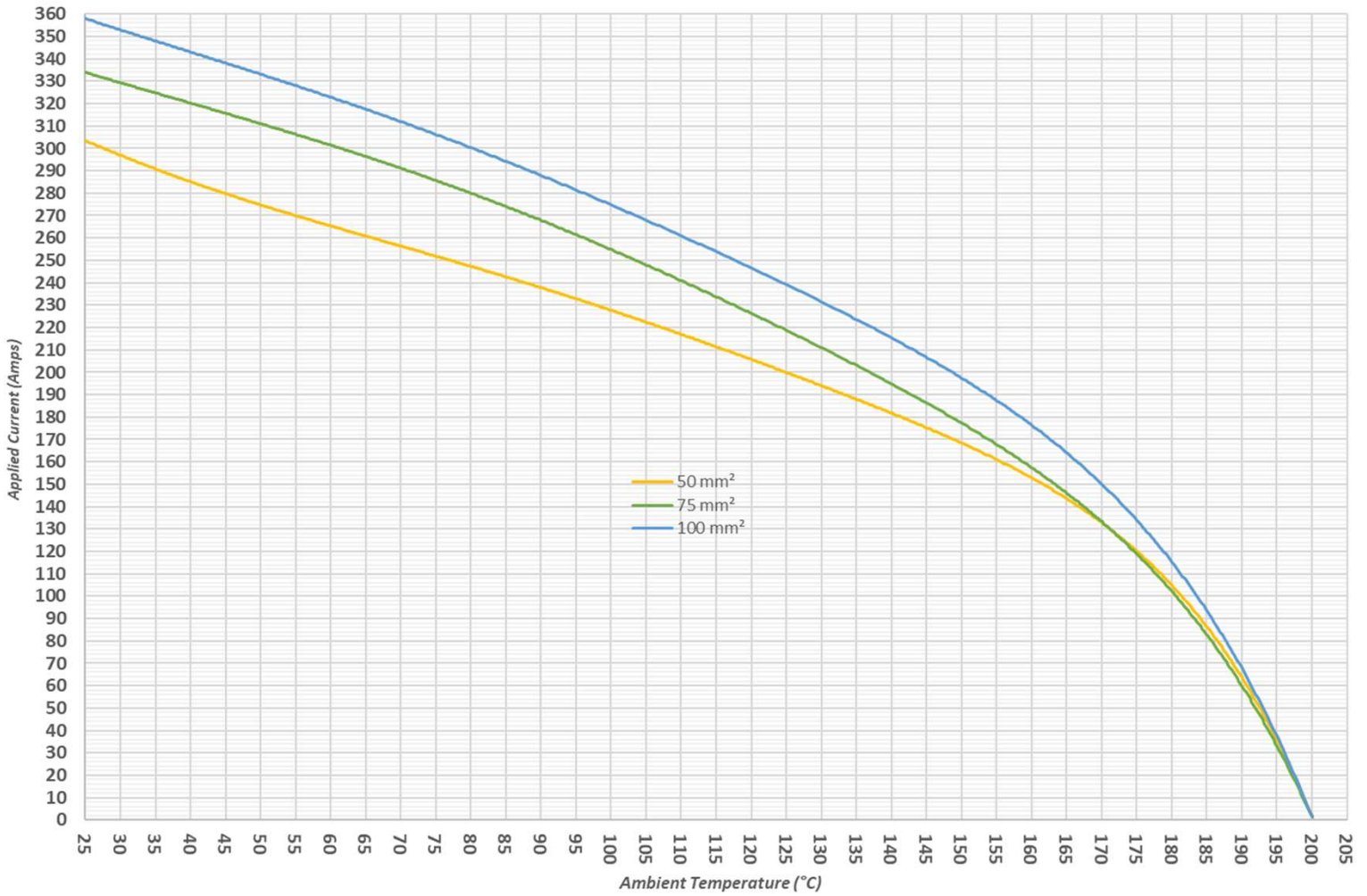
Terminal Construction	Six-piece
Wire Gage Range (AWG)	1/0
Wire Gage Range (mm ²)	50
Configuration	Inline/Device
Sealing Options	Cable Sealed
Plating Options	Sn, Ag
Terminal Orientation	90°
USCAR-20	>150,000 miles



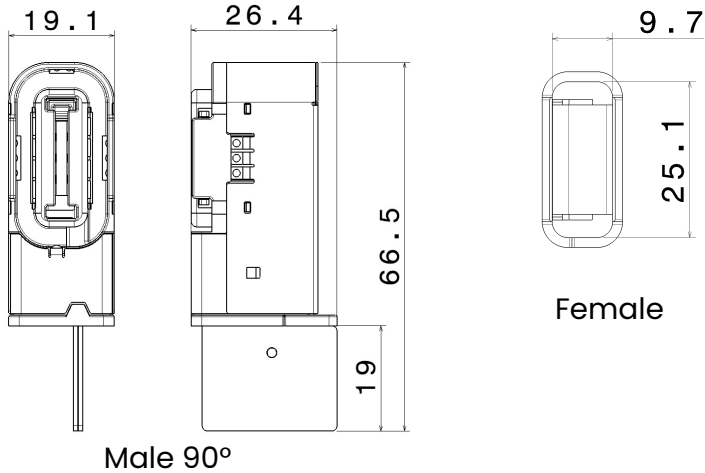
TECHNICAL CHARACTERISTICS

Contact Resistance	0.22 mΩ
Contact Mating Force	USCAR-25 compliant
Contact Un-mating Force	USCAR-25 compliant
Mating Cycles	30 (Sn) / 50 (Ag)

HPLB LP8 Shielded Terminal (Ag Plated) Derated at 80% (Preliminary Data)



PACKAGING



Cavity standards available upon request

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Scan to learn more about our HPLB!



Royal POWER SOLUTIONS
 POWERING GREAT CONNECTIONS