

Power Lock Box

for the automotive and IVC industries



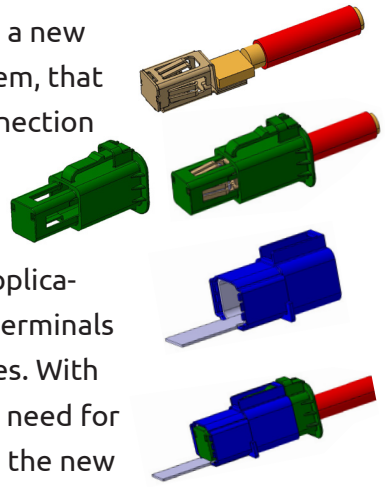
H.C. Three Beam Female Terminal currently in engineering development.

The Power Lock Box products are covered by U.S. patent no. 9,905,953 and other domestic and international pending patent applications.

High Current Connection Systems for The Automotive Industry

Royal Power Solutions has developed a new terminal and connector modular system, that will replace the current "bolt-on" connection systems of today - with an advanced low cost "plug-in" solution.

Current technology for high power applications use machined studs and round terminals or eyelets with anti-rotational features. With the electrification of vehicles and the need for continued Co² reductions worldwide, the new Power Lock Box is available to support Green initiatives for the market.



Scalable technology with low systems cost	High power density with smaller footprint	Reduced profile (height) compared to current design	Hand-mate external connectors for easy in plant assembly
Warranty reduction and quality improvements	Compatible with aluminum cables	Lighter weight and smaller package	Continuous performance at terminal temperatures up to 300C
High electrical conductivity and optimum power management- copper contacts versus steel	Multiple contact system	Unsealed and sealed system designs in development	
Integrated terminal header	True connector with CPA	Direct inline connections	Lowest ROA in the industry

APPLICABLE TO LOW AND HIGH VOLTAGE