

# APPLICATION NOTE

[www.ittcannon.com](http://www.ittcannon.com)**VEAM GRH Connectors**

May 2009

## The Challenge

Bringing power from portable generating systems to large halls for trade shows and conventions demands the need for safe, quick connect, and highly durable power connectors.

Historically, connector manufacturers have been providing interconnect solutions that have been effective but are costly to produce and bulky in size.

The challenge was to design a safe, light weight and cost effective 5 pin connector with the ability to take the abuse of set up and tear down of portable power systems and power distribution boxes.



## Product Features

- Finger protected contacts guarantee operator safety
- Rubber covered coupling nut for superior grip and durability
- Machined aluminum shells with black hard anodize finish
- High shock and vibration resistance
- 100 amps continuous service
- Quarter turn coupling
- Set screw style contact termination affords ease of wire installation
- Composite backshells for weight savings and safety
- UL Recognized

## Benefits to Customer

- Guarantees operator safety
- Superior grip and durability
- Robust design and high reliability
- Excellent electrical and mechanical performance
- Quick connect and disconnect capability
- Light weight, smaller size and mounting footprint
- Ease of wire installation and field repair

## The ITT Solution ...

ITT VEAM's new re-designed GRH Series 5 pole 100 amp connector for portable power systems. The GRH connector design utilizes safe finger protected set screw termination style contacts for ease of wire installation and field repair. We are now adding improved rubber covered coupling nuts and composite backshells for a streamlined profile while maintaining high durability and performance.

The result is a very cost effective lightweight connector design but with the robustness associated with VEAM CIR Series connector performance in hostile environments.

### ***For application assistance, please contact:***

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