

APPLICATION NOTE

www.ittcannon.com

RPTT Blindmate Rack & Panel Connectors

Features

- Wide range of shell sizes from 10 to 24 with standard and mixed contact variants.
- T83 plating provides 500 hour salt spray resistance.
- Double the density on panels of conventional D38999-Style mated pairs.
- Designed to be comparable to D38999 performance
- Low insertion force contacts available.
- Rear threads for standard back-shells and T83 plated versions.
- Integral Direct Harnessing System (DHS) variants also available.
- Released to internationally recognized CECC approval.

Benefit to the Customer

- High density blind-mate (panel to panel) offers big space savings over conventional connectors.
- Size 10 safety earth variant also available.
- Filter variants also available
- Unique DHS screen termination method reduces size of back-shells at rear of panels.
- Cadmium free plating.
- Readily available standard Mil-spec crimp tooling.

Applications

- Naval avionics/ Black Box
- Defense electronics
- Radar and sensor systems
- Coastal Defense systems
- Weapon systems

The Challenge

To provide blind-mating connectors using standard D38999-Style insert configurations for use in naval avionics applications within a cadmium free environment, but where high resistance to salt spray is required.



The ITT Cannon Solution

ITT re-launched the former VEAM/TEC RPTT product range. This range has been approved to CECC 75201-013 for 500 hour salt spray resistance and is designed to be comparable to Mil-DTL-3899 inserts.

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Our facility is not currently certified by the DLA and this product is not covered by the QPL/QML.