

APPLICATION NOTE

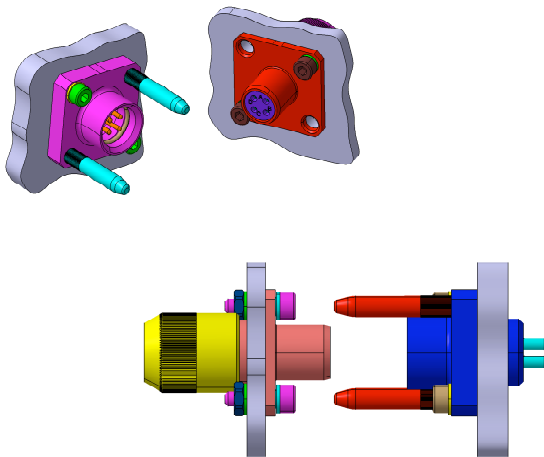
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“Push Pull” Connector

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The Challenge

ITT was approached by a military customer to design a connector suitable for rack applications in military radios. Customer requirements dictated that the connector had to withstand quick and imprecise insertions, when utilized in fans racks or similar applications.



Product Features

- Protection degree IP67
- Self aligning error correction: +/- 0.5mm
- According to MIL-C-26482 (8-4)
- Rated voltage 500VAC 700VDC
- Rated current 7.5 A
- Layouts availability: 2, 3, and 4 poles
- Crimped contacts gold plated

Applications

- Integrated Avionics and Electronic Warfare
- Displays, Instrumentation, Data Processing
- Radar and Sensors
- Weapon Controls and Targeting Systems
- Satellites and Space Systems
- Radio, Navigation, and Telecommunications
- Blind mating and rack applications

The ITT Solution ...

ITT Interconnect Solutions VEAM designed an innovative “Push Pull” connector which auto corrects imprecise insertions with a tolerance of +/- 0.5mm. This wide tolerance range allows for very fast, blind mating of modules into customer rack applications.

For application assistance, please contact:

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