

Nov. 2016 -Success Story

New design of Pogo Pin 7 Contacts Miniature Connector

RF Immunity is proud to present a development of a miniature low profile connector designed to customer special need with pogo pin contacts for quick connect/disconnect mechanism. The connector is mounted on a soldier vest, robust, but still very lightweight to maximize the mobility. The connectors meet sealing rating of IP68. It can be unmated in the field and clean easily. The two ears are designed for preventing turn and sliding.

7 contacts pogo pin support 1.5A each and transmit USB 2.0 high speed data transmission. The contact endurance is 30,000 cycles and can serve the user for a long time period.

Key Charcristics:

Life cycle: minimum 30,000 cycles

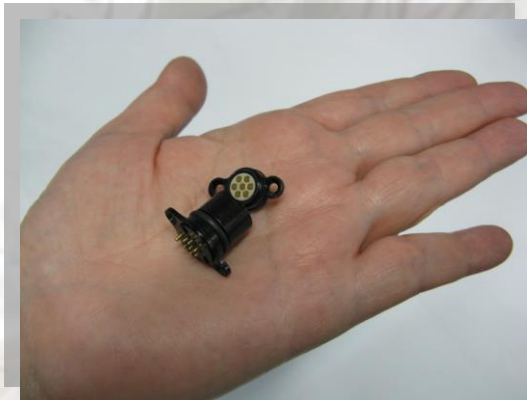
Sealing rate: IP68

Contact Resistance: <10mOhm

Corrosion resistance: 96 hrs salt spray

Connector plating: Black Zink

Contact plating: 1.27 micronmeter gold



RF Immunity can be your professional design partner for special miniature connectors with custom mechanical and electrical features that suit your needs. This can be ordered even for low qty batch and with cost effective pricing approach.

For more details, please contact: sales@rfimmunity.co.il

About RF Immunity

RF Immunity established in 2002 specializes in the design and manufacturing of EMI/RFI Filtered Connectors and Stand Alone Filter and Protection units. RF Immunity also specializes in transient protection connectors, hermetically sealed and customized connectors. Our products are based on highly advanced filtering technologies and techniques, and excel in the design and manufacturing of unique filtering solutions, made to meet the specific requirements of each customer. The miniaturized RF Immunity filter connectors are renowned for their quality and they perform perfectly under extreme environmental conditions. As part of RF Immunity's added value and turnkey solutions in the filter connector field, the company offers cable assembly services with design and validation, prototyping for customized cable assembly, full control and warranty over the complete wiring and harnesses with in-process testing to ensure the highest levels of reliability for strictly demanding military applications. RF Immunity has a practical expertise with hundreds of projects due our vast involvement with variety of proejects. We continue keeping our bench mark advantages by beign a "problem solver" company with a flexible design and fast responsiveness approach.

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