

**PRESS
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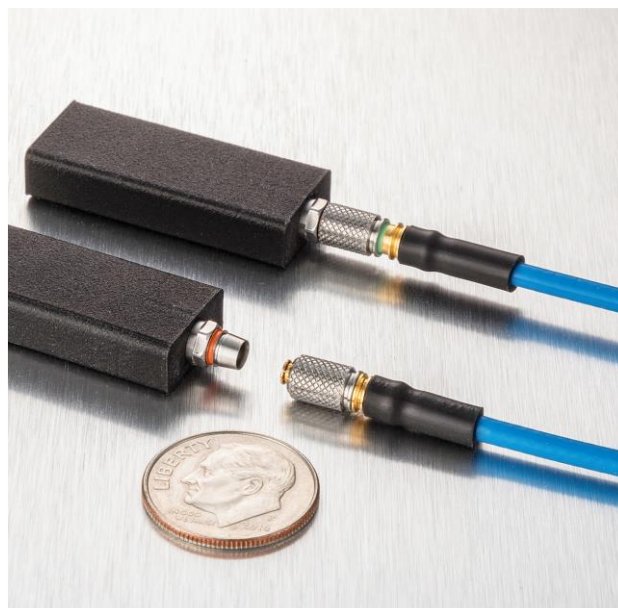
May 20, 2020

Times Microwave Systems Solves Vibration and Environmental Concerns of Small Form-Factor RF Connectors

WALLINGFORD, Conn. — When military aerospace and space flight communities are faced with a difficult interconnect challenge, they turn to Times Microwave Systems. Addressing the need for micro-miniature interfaces for high data rate applications or board-to-board systems, Times Microwave Systems introduces the **TLMP** (Times Locking Miniature Push-On) connector.

The harshest conditions demand more rugged, durable designs than typical SMP/SMPM connectors. Times Microwave Systems identified the need and designed the TLMP to take on the challenge.

Despite its size, the TLMP packs a punch. These miniature connectors operate up to 60 GHz even under severe environments. An interface O-Ring provides a superior environmental seal. Paired with improved electromagnetic interference shielding (105 dB vs. 65 dB), the TLMP is more durable with greater shielding than alternative designs.



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About Times Microwave Systems

A pioneering brand in innovative RF and microwave interconnect assemblies, cables and connector designs, Times Microwave Systems is a division of Amphenol. The company has more than 70 years of experience in the industry and offers the most comprehensive suite of products in the market. TMS continues to rapidly expand its portfolio by addressing defense, medical, telecommunications, precision test, and space applications. With a staff of more than 100 engineers and a global manufacturing presence, TMS is uniquely qualified to produce the right solution for our customers' complex requirements.

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Positive Locking

With the color indicators of “Positive Locking,” you will know if it is properly installed. The coupling interface reveals a red band when unlocked and shows green when properly mated. Green across the board means the locking claw successfully snapped into the secure groove, increasing the strength and durability over typical connectors. This feature maintains the connector’s mate integrity even during extreme shock and vibration.



Rugged does not mean bulky; the small yet powerful form factor of the TLMP allows for package densities up to 0.200 inches between centers.

TLMP connectors are available on many popular military and space flight cables from Times Microwave Systems, each available in a variety of configurations:

- PTFlex 047
- PhaseTrack 047 Semi-Rigid
- PhaseTrack 086 Semi-Rigid
- PhaseTrack 110
- MilTech

Have a difficult challenge? Email techquestions@timesmicro.com for help.

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