

## TTM Technologies, Inc. Unveils New Xinger® High-Performance 50W (AVG) Directional and Hybrid Couplers for X-Band Commercial-Off-The-Shelf Military and Aerospace Applications

SANTA ANA, Calif., May 20, 2024 (GLOBE NEWSWIRE) -- TTM Technologies, Inc. (NASDAQ: TTMI) ("TTM"), a leading global manufacturer of technology solutions including mission systems, radio frequency ("RF") components and RF microwave/microelectronic assemblies and printed circuit boards ("PCB"s) has announced the launch of its 5mm x 3.2mm X-Band 8-12 GHz 3dB hybrid coupler and 20dB directional coupler. These state-of-the-art components are designed to meet the demanding requirements of broadband use in medium power X-Band (8-12GHz) commercial-off-the-shelf (COTS) military and aerospace (Mil-Aero) applications.

The XMC0812F1-20G and XMC0812F1-03G couplers are high-performance directional and hybrid couplers designed for critical applications such as power and frequency detection, voltage standing wave ratio ("VSWR") monitoring, and power splitting & combining. Both feature a peak to average ratio of 12dB, have a power rating of 50W average power ("AVG"), and are in an easy-to-use, ultra-small 5mm x 3.2mm, surface-mount package. The electroless nickel immersion gold ("ENIG") finish ensures long-term reliability in harsh environments. These couplers have undergone rigorous qualification testing, adhering to the stringent standards of the Xinger® product line.

The XMC0812F1-20G and XMC0812F1-03G couplers are available for sampling now through ttm.com. They will be available for purchase later this summer. To find a stocking distributor, please visit ttm.com.

The radio frequency and specialty components ("RF&S") Business Unit ("BU") of TTM designs, manufactures, and sells custom high-frequency solutions and Xinger® brand standard components for wireless infrastructure, defense electronics, and test and measurement electronics markets. For more details on our product lines and newly released products, please visit ttm.com.

## **About TTM**

TTM Technologies, Inc. is a leading global manufacturer of technology solutions including mission systems, RF components and RF microwave/microelectronic assemblies, and quick-turn and technologically advanced PCBs. TTM stands for time-to-market, representing how TTM's time-critical, one-stop manufacturing services enable customers to shorten the time required to develop new products and bring them to market. Additional information can be found at <a href="https://www.ttm.com">www.ttm.com</a>.

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