Tiny SMT Couplers with High Power Handling

8/4/2021 – San Jose, California: RFMW announces design and sales support for surface mount couplers from RN2. The RN2 CMX45 series of couplers offer power handling and coupling factor options for a variety of radio applications. Offered in 2 different sizes, the P series is the smallest at 2 x 1.25 mm and can handle 5 Watts of RF power over a span of 3.0 to 5.1 GHz. The E Series measures 5.08 x 3.18 mm with power handling to 25 Watts over the 4 to 5 GHz frequency range. As an example, the CMX45P03 is a hybrid, 3 dB coupler spanning 3000 to 5100 MHz with 20 dB isolation, 0.5 dB insertion loss and capable of handling 5 Watts average power. RN2 offers the CMX45P series in asymmetric 2 and 5 dB coupling factors for asymmetric Doherty power amplifier designs. The variety of sizes, power handling and coupling factors offer splitting and combining in standard and Doherty power amplifier designs, RSSI circuits and feedback loops for 5G NR.

Samples are available for qualified requirements through RFMW at 1-877-FOR RFMW (367-7369) within North America; or please find your local sales engineer (worldwide) at the contact page on the RFMW web site.

About RFMW

RFMW is a specialty electronics distribution company focused exclusively on serving customers that require RF and microwave components and semiconductors, as well as component engineering support. The company continues to expand its list of products from selective suppliers with RF/microwave expertise. RFMW deploys a highly experienced, technically skilled team to assist customers with component selection and fulfillment.

To learn more about RFMW, visit their Website at www.rfmw.com, or call us at 1.877.FOR.RFMW (367-7369), or via e-mail at info@rfmw.com.

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