

February 4th 2021

Biassono, Italy – Dimac Red’s Partner Frequency Management International (FMI), a leading manufacturer of frequency control and timing solutions for high reliability and extreme environment applications, has successfully completed qualification of the new MIL-PRF-55310/41. Qualification has been granted and issued by the Defense Logistics Agency – DLA Land and Maritime Division (DLA). The approval represents FMI’s most recent achievement and is the first DLA-certified miniature 5x7mm form-factor oscillator design listed under MIL-PRF-55310, providing low voltage CMOS oscillators in the frequency range of 500 kHz to 125 MHz.

DLA Specification Sheet for MIL-PRF-55310/41:

<https://landandmaritimeapps.dla.mil/Downloads/MilSpec/Docs/MIL-PRF-55310/prf55310ss41.pdf>

Certification to MIL-PRF-55310/41 allows FMI to offer customers DLA-specified levels of performance and reliability in the smallest and lightest package size for QPL hybrid crystal oscillators used in aerospace, defense, avionics and space electronics.

This latest qualification reflects FMI’s continued commitment to innovation in the design and manufacturing of highly reliable frequency control products. FMI solutions include crystals and oscillator products offering proven reliability with operating temperature ranges from -180°C to +300°C.

FMI CEO Kouros Sariri commented “FMI is proud to have played its role in supporting and elevating the MIL-PRF-55310 specifications. Achieving DLA qualification on /41 opens a new paradigm for frequency control solutions tailored to the demands of the Hi-Rel market. Expanding our high reliability manufacturing capabilities reflects FMI’s commitment to meeting the evolving demands for superior product performance in smaller form factors. It is our distinct privilege to provide vital and strategic manufacturing jobs in the U.S and we are pleased to have used innovation to move the industry forward in addressing demands for more efficient QPL clock solutions.”

FMI products are used across a wide range of demanding operating environments including applications in defense, avionics, deep-space robotics and commercial space as well as energy and high-end industrial markets. A full list of company products and certifications can be found at <http://www.frequencymanagement.com/>.

For further information and questions please contact the experts at dimacred@dimacred.com or call the headquarters at +39 2494856