DC-DC Converter Series Adds Output Voltages for Avionics, Military

VPT, Inc. added several modules to the DVFL, DVTR, and DVHF Series DC-DC power converter product lines. The new output voltages on these modules address the reliability requirements and varying output voltage needs of the newest avionics and military electronics.The new modules include: DVFL single output, 120 W – 6.3 V, 7 V, 8 V, 9.5 V, 18 V, 28 V; DVFL, dual output, 120 W – 6.3 V, 9. 5V; DVTR, single output, 40 W – 7 V, 8 V, 18 V, 28 V; DVTR, dual output, 40 W – 8 V, 18 V; and DVHF, single output, 20 W – 5.7 V, 18 V. All three DC-DC power converter families are designed and manufactured in facilities qualified to ISO9001 and certified to MIL-PRF-38534 Class H and Class K and MIL-STD-883. The company asserts all of these new DC-DC converters feature: high power densities, small sizes, and light weights for aircraft use; thick-film hybrid construction in fully hermetic packaging; Full military required temperature ranges of -55C to +125C; critical reliability performance; wide input voltage ranges; high efficiencies; low output noise; fault tolerant design; and environmental screening that ensures rugged performance through extreme temperature cycling, shock, vibration, salt atmosphere, barometric conditions and moisture and solvent resistance

VPT, Inc.
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