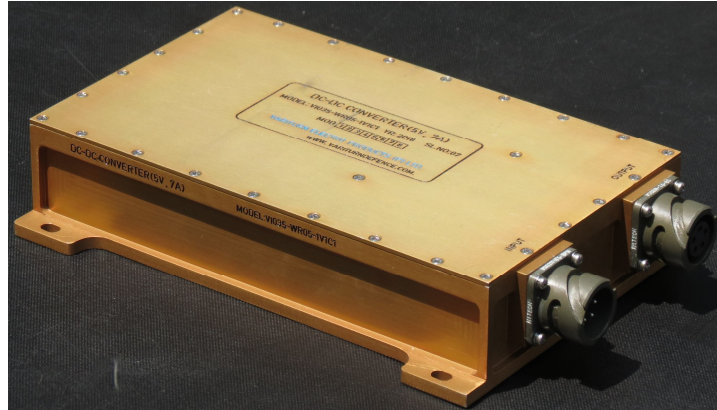


DC-DC CONVERTER

Rev: 00, Mar 2018, www.variturndefence.com

5V, 20A, 100W



Size : 10.23 x 6.49 x 1.93 inches (260 x 165 x 49mm)

Key Features:

- Wide input range: 100 to 400 VDC.
- Output : 5VDC.
- High Efficiency.
- Very low ripple and noise.
- < 0.02 % of line regulation
- < 2.9 % of load regulation
- < 25mVp-p of ripple.
- < 70mVp-p of noise.
- Approx 100 mSec Holdup time.
- Fixed frequency switching operation.
- Isolated.
- UVLO (Under Voltage Lock Out).
- OVLO (Over Voltage Lock Out).
- Reverse polarity protection.
- Short circuit protection.
- Over Temperature Shutdown.
- -10^o to +55^oC operation.
- Compact in size.
- **Meets MIL-STD-461E (EMI/EMC)**
- **Meets JSS 55555 (Environmental)**

Description:

These series of DC/DC converters are available in Customized package and Model: VI035-WR05-1V1C1 is capable of driving up to 100W. These DC/DC converters can accept an input voltage rail between 100VDC and 400VDC and delivers a constant output voltage.

No external capacitors/ resistors required and it has reliable and robust design with following protection features: Reverse polarity protection, UVLO, OVLO, Output short circuit , Over Temperature Shutdown.

Applications:

- Industrial power supplies.
- Telecommunication systems.
- Military.
- Navy
- Submarine.
- Ruggedized systems.

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