

SPACE Grade

Solitera Radiation Hardened DC/DC Converters



SOLITERA Space Grade DC-DC converters and filters are available up to Class K and radiation hardened to RHA levels of P 30, L 50 or R 100 krad(Si). Our space EMI filters are compliant up to Class H or K and radiation hardened to RHA H, 1000 krad(Si) TID.



GENERAL FEATURES

- Operating temperature -55° to $+125^{\circ}\text{C}$
- Qualified to MIL-PRF-38534 Class H and K
- Radiation hardness assurance (RHA) P, L or R
- Fully Isolated
- Transient protection 80 V for 50 ms
- 3.3V, 5V, 12V, 15V, ± 5 , ± 12 , ± 15 output models are available
- High power density, 85% efficiency
- Input voltage range 16 to 80 VDC
- Indefinite short circuit protection
- No aluminum electrolytic capacitors
- Custom models available

Contact **SOLITERA Advanced Technology Systems** for special design and verification requirements of Space Grade DC-DC converters and filters