

Part Number & Ordering Information*

Family	Input Voltage	Power	Output Voltage	Package	Options
KMPS02	DC28: 16-40 VDC	P300: 300 W	DC12: 12 V	VX: VPX	-

* Full part numbering and options are available in the data sheet. "-" sign shall be placed in between all fields.

Features & Benefits

- SOSA aligned ANSI/VITA 32.0 3U DC-DC Power Supply
- 16-40 VDC Input per MIL-STD-1275E
- 12 VDC primary, 3.3 VDC auxiliary output
- High Efficiency
- Isolated Outputs
- EMI Filters Included
- Non-latching Protections
- Fixed Switching Frequency



Size: 168 x 100 x 25.4 mm

Product Description

This configurable power board designed to meet the unique and challenging environmental requirements of defense applications. This VPX Board has 3U form factor. Board delivers up to 300 W power with high efficiency. Available with short time delivery and custom configurations, the KOLT VPX is ready for most demanding military applications.

Designed to Meet

- MIL-STD-461 (D, E, F, G)
- MIL-STD-1275 (D, E)
- MIL-STD-810

Absolute Maximum Ratings

The absolute maximum ratings below are stress ratings only. Operation at or beyond these maximum ratings may cause permanent to the device.

Parameter	Value
Operating Temperature	-40 to +85 °C
Storage Temperature	-40 to +125 °C

Screening

- Full LOT traceability
- Burn-in at 85 °C baseplate temperature
- Temperature cycling
- Available with different screening grades
- Final visual inspection