

Part Number & Ordering Information*

Family	Input Voltage	Power	Output Voltage	Package	Options
KMPM02	DC400: 200-425 VDC	P1K5: 1.5 kW P3K5: 3.5 kW	DC12: 12 VDC DC15: 15 VDC DC28: 28 VDC DC36: 36 VDC DC48: 48 VDC DC270: 270 VDC	CM: Custom Module	-

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

Features & Benefits

- Wide input voltage range
- High efficiency and high power density
- Baseplate conduction cooled
- RS-485 communication
- Input UV/OV protection
- Output OV protection
- Short circuit protection
- Over temperature protection

Product Description

KMPM02 is a low profile and compact single output isolated DC-DC converter for rugged applications requiring a regulated DC voltage at the output. This converter operates from a wide range DC input (250-425 V) and has superior protection features backed by analog comparators. The innovative baseplate cooling technology engineered by KOLT allows adaptation of different cooling strategies including liquid baseplate cooling.

Designed to Meet

*with EMI filter module

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



Size: 167 x 131 x 34 mm

Weight: 1.5 kg

Absolute Maximum Ratings

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

Parameter	Value
Operating Temperature	-40 to +85 °C
Storage Temperature	-55 to +125 °C

Screening

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