

Part Number & Ordering Information*

Family	Input Voltage	Power	Output Voltage	Package	Options
KMRM01	DC28: 16-40 V	P100: 100 W P200: 200 W P300: 300 W	DC3V3: 3.3 V DC5: 5 V DC12: 12 V DC24: 24 V DC28: 28 V	CM: Custom Module	PM: PMBUS

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

Features & Benefits

- Isolated, Regulated Rugged DC-DC Converter Module
- Internal input EMI filter
- Overcurrent protection
- Short-circuit protection
- Input under voltage protection
- Input over voltage protection
- Output over voltage protection
- Thermal Shutdown
- ON/OFF control
- Trim range +10%, -30%



Size: 100 x 80 x 23.4 mm

Product Description

KMRM01 is a DC-DC isolated rugged converter module that operates over input voltage range (16-40 V) and generates a regulated DC output. Module is fully protected against all kinds of faults and disturbances guaranteeing hassle-free operation in the field. KOLT's innovative thermal design allows continuous and safe operation at rated load in hot conditions.

Designed to Meet

- MIL-STD-461 (D, E, F, G)
- MIL-STD-704 (A-F)
- MIL-STD-1275D
- 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 +100 °C
Storage Temperature	-55 to +125 °C

Screening

- Full LOT traceability
- Burn-in at 100 °C baseplate temperature
- Temperature cycling
- Available with different screening grades
- Final visual inspection