



New Single Output Isolated 1W DC-DC Converter Offers Leading Efficiency and Load Regulation



The MEE1 exhibits superior efficiency against competitor devices by a minimum of 6%. In addition, the new design offers improved load response, which is reduced by up to 50% against that of equivalent industry models.

Applications that may have normally required a fully regulated converter potentially could use the MEE1 as a less costly alternative. The combined improvements in efficiency and load regulation provide unmatched product performance.

Product Features

- Min 6% efficiency improvement over NME Series parts
- Higher efficiency performance across the full load range
- 50% load regulation reduction, reducing the need for pre- or post-regulation
- 1kVDC Isolation
- Wide temperature performance at full load
- Pre-certified (FCC, IC, CE)
- Industry standard DIP8 pinout
- Fully encapsulated with toroidal magnetics

MEE1 Series

Applications include:

- Industrial Automation
- Instrumentation and Control
- Telecommunications



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Order Code SIP	Order Code DIP	Input Voltage	Output Voltage	Efficiency (Typ.)
MEE1S0303SC	MEE1S0303DC	3.3V	3.3V	78.5%
MEE1S0305SC	MEE1S0305DC	3.3V	5V	81.5%
MEE1S0309SC	MEE1S0309DC	3.3V	9V	81.5%
MEE1S0312SC	MEE1S0312DC	3.3V	12V	84%
MEE1S0315SC	MEE1S0315DC	3.3V	15V	84.5%
MEE1S0503SC	MEE1S0503DC	5V	3.3V	80%
MEE1S0505SC	MEE1S0505DC	5V	5V	83%
MEE1S0509SC	MEE1S0509DC	5V	9V	83.5%
MEE1S0512SC	MEE1S0512DC	5V	12V	85%
MEE1S0515SC	MEE1S0515DC	5V	15V	85.5%
MEE1S1205SC	MEE1S1205DC	12V	5V	83.5%
MEE1S1209SC	MEE1S1209DC	12V	9V	84%
MEE1S1212SC	MEE1S1212DC	12V	12V	85%
MEE1S1215SC	MEE1S1215DC	12V	15V	86.5%
MEE1S1505SC	MEE1S1505DC	15V	5V	83.5%
MEE1S1509SC	MEE1S1509DC	15V	9V	83%
MEE1S1512SC	MEE1S1512DC	15V	12V	85%
MEE1S1515SC	MEE1S1515DC	15V	15V	86.5%
MEE1S2405SC	MEE1S2405DC	24V	5V	83%
MEE1S2409SC	MEE1S2409DC	24V	9V	83%
MEE1S2412SC	MEE1S2412DC	24V	12V	85.5%
MEE1S2415SC	MEE1S2415DC	24V	15V	86%

e-specifier

CODICO®

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