

DCM Series (DC to DC power Module)



Specifications

Input Voltage Range	7~56Vdc Step Down DC-DC Module
Output Voltage	5Vdc with Max. 3A / 12Vdc with Max. 2.5A / 24Vdc with Max. 1.5A
Conversion Efficiency	Max. 93% at Vin 7V and Vout 5V@3A / 88% at Vin 24V and Vout 5V@3A Max. 95% at Vin 15V and Vout 12V@2.5A / 93% at Vin 36V and Vout 12V@2.5A Max. 97% at Vin 29V and Vout 24V@1.5A / 94% at Vin 56V and Vout 24V@1.5A (Depended on input Voltage)
Over Voltage Protection	Yes
Operating Frequency	443KHz (5V or 12V output) / 870KHz (24V output)
Operating Temperature	-20°C ~ +70°C
Storage Temperature	-30°C ~ +80°C
Dimension	41 x 24 x 14mm
Weight	14g

Ordering Information

Part Number	Description
DCM-5V	DC to DC power Module, Input Voltage 7~24Vdc and Output Voltage 5V@Max.3A with 2-Pin Terminal Block.
DCM-12V	DC to DC power Module, Input Voltage 15~36Vdc and Output Voltage 12V@Max. 2.5A with 2-Pin Terminal Block.
DCM-24V	DC to DC power Module, Input Voltage 29~56Vdc and Output Voltage 24V@Max. 1.5A with 2-Pin Terminal Block.
DCM-5V-S	DC to DC power Module, Input Voltage 7~24Vdc and Output Voltage 5V@Max. 3A with 2-Pin Terminal Socket .
DCM-12V-S	DC to DC power Module, Input Voltage 15~36Vdc and Output Voltage 12V@Max. 2.5A with 2-Pin Terminal Socket .
DCM-24V-S	DC to DC power Module, Input Voltage 29~56Vdc and Output Voltage 24V@Max. 1.5A with 2-Pin Terminal Socket .

Type: ("xx" = 5 / 12 / 24)

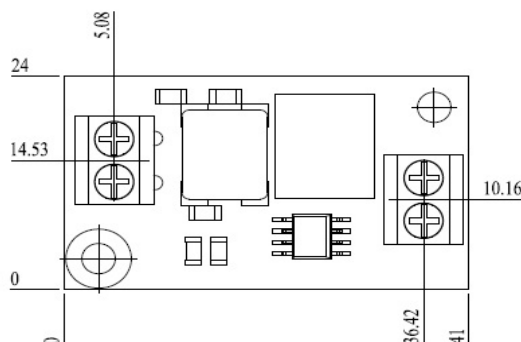
DCM-XXV



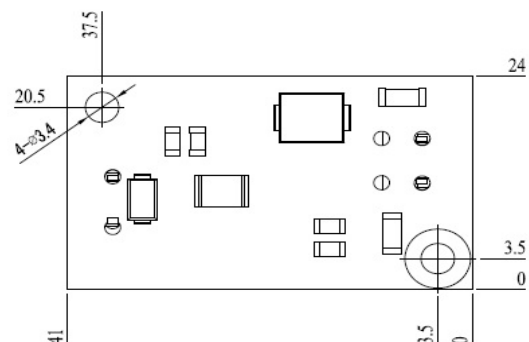
DCM-XXV-S



Dimension :



PCB Top View



PCB Bottom View