

# MV Series

## 25W DC-DC Converter 2" x 2.6"



### FEATURES

- Small size & low profile  
65 x 50.8 x 8.6mm  
2.6 x 2 x 0.33 inch
- Industry standard footprint
- Wide input voltage
- Isolated output
- High efficiency
- Remote control, trim functions
- Over-voltage, Over-current & Over-temperature protections

### ENVIRONMENTAL

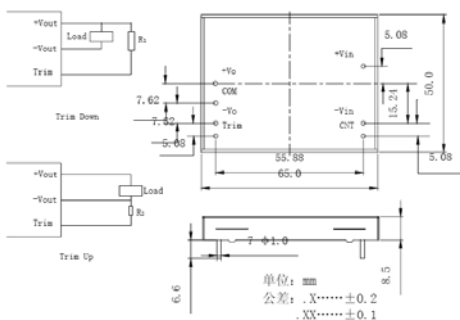
Storage Temp: -55°C to +125°C

Operating Temp: -40°C to +105°C

### SAFETY / EMC

UL  
TUV  
CE  
CSA

### MECHANICAL



### ELECTRICAL SPECIFICATIONS

#### INPUT

Input voltage range 36 - 75VDC & 18 - 26VDC

#### OUTPUT

Volt set point accuracy ±1% Vout  
Voltage adjust ±10% Vout  
Line regulation ±0.2% Vout  
Load regulation ±0.5% Vout  
Ripple & Noise 120mV p-p for 12V output  
100mV p-p for 5V & 3.3V  
100mV p-p for 1.5V & 1.8V

Over-temp. Protection 100 - 125°C

### ORDERING INFORMATION

| Model      | Input      | Output                | Power | Size |
|------------|------------|-----------------------|-------|------|
| MV25S48H-T | 48VDC      | 5V/4A                 | 20W   | A    |
| MV25S24H-T | 18 - 36VDC | 5V/4A                 | 20W   | B    |
| MV25S48M-T | 36 - 72VDC | 15V/1.7A              | 20W   | B    |
| MV25D48H-T | 36 - 72VDC | 5V/2A, -5V/2A         | 20W   | B    |
| MV25D48K-T | 36 - 72VDC | 12V/1.05A, -12V/1.05A | 25W   | A    |
| MV25D24K-T | 18 - 36VDC | 12V/1.05A, -12V/1.05A | 25W   | A    |
| MV25D48M-T | 36 - 72VDC | 15V/0.85A, -15V/0.85A | 25W   | B    |
| MV25D24M-T | 18 - 36VDC | 15V/0.85A, -15V/0.85A | 25W   | B    |
| MV25S48K-T | 36 - 72VDC | 12V/2.1A              | 25.2W | B    |
| MV25S24K-T | 18 - 36VDC | 12V/2.1A              | 25.2W | B    |

Size: A = 60 x 50 x 8.5, B = 65 x 50 x 8.5

Specifications subject to change without notice

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