

1.8, 3 & 4.5 WATT DUAL OUTPUT



1.8 Watt Dual Output

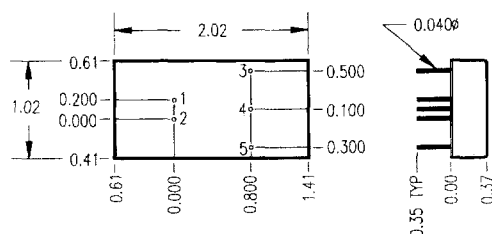
- Low Profile Case
- Low Noise Operation
- Highly Regulated Outputs
- High Isolation Voltage

The 1.8 Watt dual output DC/DC converters are designed for high performance industrial data acquisition systems and board level products. Each has a rugged bipolar switching stage, isolation transformer and high regulation linear post regulator for low noise operation and highly stable DC outputs.

1.8 Watt Dual Output E Case

INPUT VOLTAGE RANGE VDC MIN/MAX	OUTPUT VOLTAGE VDC	OUTPUT CURRENT mA	MODEL NUMBER
4.60/5.50	±12	±75	5D12.075
	±15	±60	5D15.060
10.80/13.80	±12	±75	12D12.075
	±15	±60	12D15.060
Mounting Kits		MS6 & MS15	
LINE REGULATION TYPICAL		0.10%	
LOAD REGULATION TYPICAL		0.10%	
NOISE TYPICAL		15 mV P-P	
ISOLATION		700 VDC	
CASE OPERATING TEMPERATURE		-25°C to +80°C	
SIX-SIDED SHIELDED STEEL CASE		Do not immerse in liquid	

E CASE: 1.8 Watt Dual



Pin	1.8 Watt Dual
1	+INPUT
2	-INPUT
3	+OUTPUT
4	CMN
5	-OUTPUT

3 & 4.5 Watt Dual Output

- Low noise Operation
- Low Profile Case
- Short Circuit Protection
- Highly Regulated Outputs

These four models provide optimum performance and reliability for applications such as microprocessors that require a primary power source of 5 Volts. They are ideal for use in computer data acquisition systems and board level products.

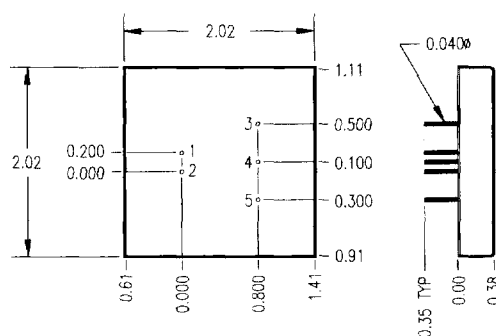
This series supplies the user with a choice of either ±15 VDC or ±12 VDC from a 5 VDC source. Each converter is designed with a rugged bipolar switching stage, an isolation transformer and an LC type input filter.

Excellent line and load regulation is achieved with a built-in linear post regulator. Their outputs are completely isolated and tightly regulated for maximum performance. Each converter's noise is typically only 10 mV P-P. Built-in short circuit protection ensures the most reliable operation possible.

3 & 4.5 Watt Dual Output D Case

INPUT VOLTAGE RANGE VDC MIN/MAX	OUTPUT VOLTAGE VDC	OUTPUT CURRENT mA	MODEL NUMBER
4.50/5.50	±12	±125	5D12.125A
	±15	±100	5D15.100A
4.75/5.25	±12	±185	5D12.185A
	±15	±150	5D15.150A
Mounting Kits		MS6 & MS15	
LINE REGULATION TYPICAL		0.05%	
LOAD REGULATION TYPICAL		0.05%	
NOISE TYPICAL		10 mV P-P	
ISOLATION		700 VDC	
CASE OPERATING TEMPERATURE		-25°C to +80°C	
SIX-SIDED SHIELDED COPPER CASE		Do not immerse in liquid	

D CASE: 3 & 4.5 Watt Dual and 5 Watt Single WF



Pin	3 & 4.5 Watt Dual	5 Watt Single WF
1	+INPUT	+INPUT
2	-INPUT	-INPUT
3	+OUTPUT	+OUTPUT
4	CMN	TRIM
5	-OUTPUT	CMN

Full data sheets available on request