

MURATA POWER SOLUTIONS DC-DC Converters



RoHS Compliant This product is RoHS compliant.

DATEL A-SERIES, BWR MODELS, 7-33W ISOLATED DUAL OUTPUT

- Industry-standard pinouts
- Fully isolated, 1500VDC guaranteed
- Guaranteed efficiencies to 82%
- Designed to meet UL/EN60950

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Datel Part No.	Fig.	Input Volts	Output		Price Each		
				Volts	Current	1	5	10
580-BWR5-700-D5A-C	BWR-5/700-D5A-C	A	5 (4.7-7.25)	±5	±700mA	87.85	82.65	79.97
580-BWR12-335-D5A-C	BWR-12/335-D5A-C	A	5 (4.7-7.25)	±12	±335mA	72.45	71.90	70.35
580-BWR15-275-D5A-C	BWR-15/275-D5A-C	A	5 (4.7-7.25)	±15	±275mA	72.45	71.21	70.35
580-BWR5-900-D12A-C	BWR-5/900-D12A-C	A	12 (9-18)	±5	±900mA	87.85	82.65	79.97
580-BWR12-415-D12A-C	BWR-12/415-D12A-C	A	12 (9-18)	±12	±415mA	72.45	71.90	70.35
580-BWR15-330-D12A-C	BWR-15/330-D12A-C	A	12 (9-18)	±15	±330mA	72.45	71.63	70.35
580-BWR5-1700-D12A-C	BWR-5/1700-D12A-C	B	24 (9-36)	±5	±1700mA	106.47	105.00	96.92
580-BWR1500-D24A-C	BWR-1500-D24A-C	C	24 (18-36)	±5	±1500mA	66.38	65.26	64.17
580-BWR15-670-D12A-C	BWR-15/670-D12A-C	B	24 (9-36)	±15	±670mA	106.47	105.00	96.92
580-BR15-575-D24A-C	BWR-15/575-D24A-C	C	24 (18-36)	±15	±575mA	65.45	64.17	59.23
580-BWR5-700-D48A-C	BWR-5/700-D48A-C	A	48 (18-75)	±5	±700mA	72.45	71.45	70.34
580-BWR12-415-D48A-C	BWR-12/415-D48A-C	A	48 (18-75)	±12	±415mA	72.45	71.63	70.34
580-BWR15-330-D48A-C	BWR-15/330-D48A-C	A	48 (18-75)	±15	±330mA	72.45	70.50	69.53
580-BWR5-3.3-D24A-C	BWR-5/3.3/4.25-D24A-C	D	24 (18-36)	5 3.3	3A 4.25A	79.50	77.10	72.31

DATEL TWR SERIES, 8-22W ISOLATED TRIPLE OUTPUT

- Guaranteed efficiencies to 82%
- 40° to +100°C operating temperature
- 20W models allow "user-allocated" power among outputs

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Datel Part No.	Fig.	Input Volts	Output		Price Each		
				Volts	Current	1	5	10
580-TWR11-5-15-D12AC	TWR-5/1000-15/200-D12A-C	E	12 (9-18)	5/±15	1A/±200mA	78.84	78.28	77.73
580-TWR20-5-12D12AC	TWR-5/3000-12/500-D12A-C	B	12 (9-36)	5/±12	3A/±500mA	92.40	90.25	89.25
580-TWR20-5-15D12AC	TWR-5/3000-15/500-D12A-C	B	12 (9-36)	5/±15	3A/±500mA	92.40	89.62	89.25
580-TWR10-5-12-D24AC	TWR-5/1000-12/210-D24A-C	E	24 (18-36)	5/±12	1A/±210mA	90.50	88.36	82.38
580-TWR11-5-15-D24AC	TWR-5/1000-15/200-D24A-C	E	24 (18-36)	5/±15	1A/±200mA	75.60	74.38	73.49
* 580-TWR22-5-15D24C	TWR-5/3-15/250-D24-C	E	24 (18-36)	5/±15	3A/250mA	58.89	53.39	51.87

*H=0.49 in.

DATEL BEI15 SERIES, 15W ISOLATED DUAL OUTPUT

- Extensive self-protection shut down features
- N for negative polarity or P for positive polarity
- Usable -40V to 85°C temperature range (with derating)

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Datel Part No.	Fig.	Input Volts	Output		Price Each		
				Volts	Current	1	5	10
580-BEI15-050-Q48N-C	BEI15-050-Q48N-C	F	48 (18-75)	±5	±1500mA	32.00	31.74	31.48
580-BEI15-050-Q48P-C	BEI15-050-Q48P-C	F	48 (18-75)	±5	±1500mA	32.50	32.24	31.98
580-BEI15-120-Q12N-C	BEI15-120-Q12N-C	F	24 (9-36)	±12	±625mA	32.50	32.24	31.98
580-BEI15-120-Q12P-C	BEI15-120-Q12P-C	F	24 (9-36)	±12	±625mA	32.00	31.74	31.48
580-BEI15-120-Q48N-C	BEI15-120-Q48N-C	F	48 (18-75)	±12	±625mA	32.00	31.74	31.48
580-BEI15-120-Q48P-C	BEI15-120-Q48P-C	F	48 (18-75)	±12	±625mA	32.50	32.24	31.98
580-BEI15-150-Q12N-C	BEI15-150-Q12N-C	F	24 (9-36)	±15	±500mA	32.50	32.24	31.98
580-BEI15-150-Q12P-C	BEI15-150-Q12P-C	F	24 (9-36)	±15	±500mA	32.00	31.74	31.48
580-BEI15-150-Q48N-C	BEI15-150-Q48N-C	F	48 (18-75)	±15	±500mA	32.00	31.74	31.48

DATEL DSM/DWR SERIES, 15W ISOLATED DUAL OUTPUT

- 1"x2" SMT or through-hole package
- Fully isolated, 1500VDC guaranteed
- UL/EN60950 safety approvals
- Efficiency to 85%

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Datel Part No.	Fig.	Input Volts	Output		Price Each		
				Volts	Current	1	5	10
580-DSM5-3.3-D12-C	DSM-5/2.65-3.3/3-D12-C	G	12 (10-18)	5 3.3	2.65A 3.00A	70.55	68.48	63.85
580-DWR52653.33D24-C	DWR-5/2.65-3.3/3-D24-C	H	24 (18-36)	5 3.3	2.65A 3.00A	68.85	67.50	60.31

DATEL UHE SERIES, 25-30W ISOLATED SINGLE OUTPUT

- Small 1.6" x 2" package with standard 2" x 2" pinout
- 1500VDC isolation
- "Q" models offer wide input ranges
- Stable no-load operation
- Thermal shutdown, I/O protected
- Efficiencies as high as 91.5%
- UL/EN60950 certified

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Datel Part No.	Fig.	Input Volts	Output		Price Each		
				Volts	Current	1	5	10
580-UHE12-2500-D12C	UHE-12/2500-D12-C	I	12 (9-18)	12	2.5A	53.80	53.40	53.10
580-UHE15-2000-D12C	UHE-15/2000-D12-C	I	12 (9-18)	15	2A	64.60	62.53	60.80
580-UHE12-2500-D24C	UHE-12/2500-D24-C	I	24 (18-36)	12	2.5A	57.40	52.10	51.50
580-UHE15-2000-D24C	UHE-15/2000-D24-C	I	24 (18-36)	15	2A	66.30	65.00	60.00
580-UHE12-2500-D48C	UHE-12/2500-D48-C	I	48 (36-75)	12	2.5A	64.55	59.17	54.62
580-UHE15-2000-D48C	UHE-15/2000-D48-C	I	48 (36-75)	15	2A	64.55	59.17	54.62
580-UHE3.3-7500-Q12C	UHE-3.3/7500-Q12-C	I	24 (9-36)	3.3	7.5A	68.85	67.50	60.31
580-UHE5-5000-Q12C	UHE-5/5000-Q12-C	I	24 (9-36)	5	5A	61.90	56.20	53.86
580-UHE12-2500-Q12C	UHE-12/2500-Q12-C	I	24 (9-36)	12	2.5A	55.40	55.10	54.80
580-UHE5-5000-Q48C	UHE-5/5000-Q48-C	I	48 (18-75)	5	5A	59.66	54.34	52.06
580-UHE12-2500-Q48C	UHE-12/2500-Q48-C	I	48 (18-75)	12	2.5A	59.66	54.34	52.06
580-UHE15-2000-Q48C	UHE-15/2000-Q48-C	I	48 (18-75)	15	2A	64.60	62.53	60.80

© Copyright 2012 Mouser Electronics

DIMENSIONS: in.

A

B

C

D

E

F

G

H

I