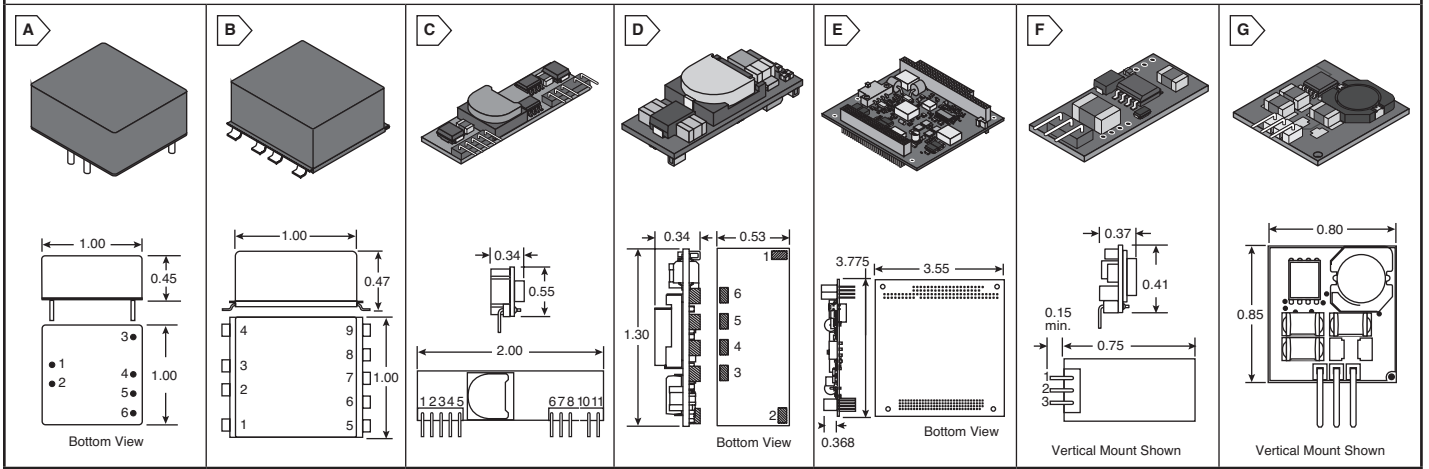


MURATA POWER SOLUTIONS Non-Isolated DC-DC Converters



RoHS Compliant This product is RoHS compliant.

DIMENSIONS: in.



DATEL UNR SERIES, 10-25W NON-ISOLATED 2-3A SINGLE OUTPUT

- Features:**
- Efficiencies to 91%
 - On/off control; EMC compliant
 - No external components required
 - IEC60950/EN60950/UL1950 approvals
 - Low output noise
 - Quick transient response



For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Datel Part No.	Fig.	Input Volts Nom. (Range)	Out-put Volts	Out-put Current	Price Each		
						1	5	10
580-UNR3.3-3-D5-C	UNR-3.3/3-D5-C	A	5 (4.75-5.5)	3.3	3A	36.75	33.25	31.85
580-UNR3.3-3-D12SM-C	UNR-3.3/3-D12SM-C	B	12 (10.8-13.6)	3.3	3A	36.75	33.25	31.85

DATEL MAPC-104 MODEL, 46W NON-ISOLATED TRIPLE OUTPUT

Designed to power the Cisco 3200 Mobile Access Router and is compliant to PC/104-Plus specifications.

- Features:**
- Reverse input voltage protection
 - Automotive transient protection
 - Efficiency to 92.5% @ full load
 - Thermal shutdown with warning
 - IEC/EN/UL60950 certified



For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Datel Part No.	Fig.	Input Volts Nom. (Range)	Out-put Volts	Out-put Current	Price Each		
						1	5	10
580-MAPC-104-C	MAPC-104-C	E	12 (9-32) 24 (9-32)	3.3 5.1 12	5A 5.46A 0.07A	373.23	357.50	351.64

DATEL LSN SERIES, 10-53W NON-ISOLATED 10A SIP PACKAGE

- Features:**
- Industry-standard SIP pinout
 - Stable no-load operation
 - Trimmable output voltage
 - EMC compliant
 - Efficiencies to 94% @ 10A
 - Remote on/off and sense pins
 - Thermal shutdown
 - UL/IEC/EN60950 certified



* No remote sense
† Horizontal mount

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Datel Part No.	Fig.	Input Volts Nom. (Range)	Out-put Volts	Out-put Current	Price Each		
						1	5	10
580-LSN3.3-10-D5-C	LSN-3.3/10-D5-C	C	5 (4.5-5.5)	3.3	10A	18.00	17.46	17.38
* 580-LSN3.3-10-D12-C	LSN-3.3/10-D12-C	C	12 (10.8-13.2)	3.3	10A	22.73	22.33	21.93
† 580-LSN5-10-D12-C	LSN-5/10-D12-C	C	12 (10.8-13.2)	5	10A	21.13	20.32	19.23
580-LSN5-10-D12HC	LSN-5/10-D12HC	C	12 (10.8-13.2)	5	10A	21.13	20.32	19.23

DATEL 78SR SERIES, HIGH-EFFICIENCY SWITCHING REGULATORS WITH LM78XX PINOUTS

- Features:**
- Built-in filter capacitors
 - Can be used with unregulated DC supplies
 - Up to 95% efficiency



* Horizontal Mount

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Datel Part No.	Fig.	Input Volts. (Range)	Out-put Volts	Out-put Current	Price Each		
						1	5	10
580-7803SR-C	7803SR-C	F	+7.5-36VDC	+3.3VDC	0.5A	9.90	9.85	9.80
* 580-7803SRH-C	7803SRH-C	F	+7.5-36VDC	+3.3VDC	0.5A	9.90	9.85	9.80
580-7805SR-C	7805SR-C	F	+7.5-36VDC	+5.0VDC	0.5A	9.90	9.85	9.80
* 580-7805SRH-C	7805SRH-C	F	+7.5-36VDC	+5.0VDC	0.5A	9.90	9.85	9.80
580-7812SR-C	7812SR-C	F	+15-36VDC	+12.0VDC	0.4A	9.90	9.85	9.80
* 580-7812SRH-C	7812SRH-C	F	+15-36VDC	+12.0VDC	0.4A	9.90	9.85	9.80

DATEL LSM SERIES, 15-50W NON-ISOLATED 10A SMT PACKAGE

- Features:**
- Step-down buck regulators with industry-standard SMT footprint
 - Non-isolated, fixed-frequency, synchronous-rectifier topology
 - Tape and reel SMT package
 - Stable no-load operation
 - Remote on/off control
 - Sense pin and output voltage trim
 - EMC compliant
 - UL/IEC/EN60950 certified



For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Datel Part No.	Fig.	Input Volts Nom. (Range)	Out-put Volts	Out-put Current	Price Each		
						1	5	10
580-LSM3.3-10-D5-C	LSM-3.3/10-D5-C	D	5 (4.5-5.5)	3.3	10A	21.13	20.32	19.23
580-LSM3.3-10-D12-C	LSM-3.3/10-D12-C	D	12 (10.8-13.2)	3.3	10A	17.90	17.80	17.70
580-LSM5-10-D12-C	LSM-5/10-D12-C	D	12 (10.8-13.2)	5	10A	17.90	17.80	17.38

DATEL 78SR SERIES, HIGH-EFFICIENCY SYNCHRONOUS SWITCHING REGULATORS

- Features:**
- Up to 95% efficiency
 - No external input/output filter capacitors required
 - Output short-circuit protection and thermal shutdown



* Horizontal Mount

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Datel Part No.	Fig.	Input Volts. (Range)	Out-put Volts	Out-put Current	Price Each		
						1	5	10
580-78SR-3.3/2-C	78SR-3.3/2-C	G	8.0-32VDC	3.3VDC	2.0A	13.95	12.20	10.80
* 580-78SRH-3.3/2-C	78SRH-3.3/2-C	G	8.0-32VDC	3.3VDC	2.0A	12.36	12.20	10.80
580-78SR-5/2-C	78SR-5/2-C	G	8.0-32VDC	5.0VDC	2.0A	12.36	12.20	10.80
* 580-78SRH-5/2-C	78SRH-5/2-C	G	8.0-32VDC	5.0VDC	2.0A	12.36	12.20	10.80

Murata Power Solutions

DC-DC Converters

