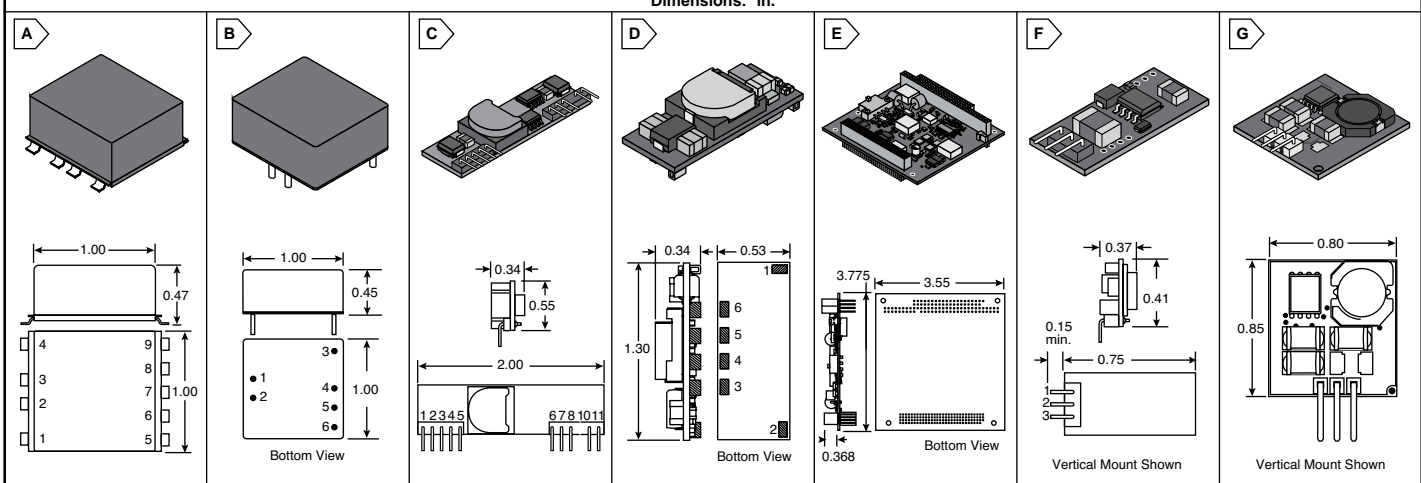


MURATA POWER SOLUTIONS Non-Isolated DC-DC Converters



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 of 25 and up, call for quote.

MOUSER STOCK NO.	Datel Part No.	Fig.	Input Volts Nom. (Range)	Output Volts	Output Current	Price Each		
						1	5	10
580-UNR-2.5/2-D5SM-C	UNR-2.5/2-D5SM-C	A	5 (4.75-5.5)	2.5	2A			
580-UNR3.3-3-D5-C	UNR-3.3/3-D5-C	B	5 (4.75-5.5)	3.3	3A			
580-UNR-3.3/3-D5SM-C	UNR-3.3/3-D5SM-C	A	5 (4.75-5.5)	3.3	3A			
580-UNR3.3-3-D12SM-C	UNR-3.3/3-D12SM-C	A	12 (10.8-13.6)	3.3	3A			

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 of 25 and up, call for quote.

MOUSER STOCK NO.	Datel Part No.	Fig.	Input Volts Nom. (Range)	Output Volts	Output 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			

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 of 25 and up, call for quote.

MOUSER STOCK NO.	Datel Part No.	Fig.	Input Volts Nom. (Range)	Output Volts	Output Current	Price Each		
						1	5	10
580-LSN1.2-10-D3-C	LSN-1.2/10-D3-C	C	3.3 (3.0-3.6)	1.2	10A			
580-LSN2.5-10-D3-C	LSN-2.5/10-D3-C	C	3.3 (3.0-3.6)	2.5	10A			
580-LSN1.2-10-D5-C	LSN-1.2/10-D5-C	C	5 (4.5-5.5)	1.2	10A			
580-LSN1.5-10-D5-C	LSN-1.5/10-D5-C	C	5 (4.5-5.5)	1.5	10A			
580-LSN1.8-10-D5-C	LSN-1.8/10-D5-C	C	5 (4.5-5.5)	1.8	10A			
580-LSN2.5-10-D5-C	LSN-2.5/10-D5-C	C	5 (4.5-5.5)	2.5	10A			
580-LSN3.3-10-D5-C	LSN-3.3/10-D5-C	C	5 (4.5-5.5)	3.3	10A			
580-LSN1.2-10-D12-C	LSN-1.2/10-D12-C	C	12 (10.8-13.2)	1.2	10A			
580-LSN1.5-10-D12-C	LSN-1.5/10-D12-C	C	12 (10.8-13.2)	1.5	10A			
580-LSN3.3-10-D12-C	LSN-3.3/10-D12-C	C	12 (10.8-13.2)	3.3	10A			
※580-LSN3.3-10-D12B-C	LSN-3.3/10-D12B-C	C	12 (10.8-13.2)	3.3	10A			
†580-LSN5-10-D12-C	LSN-5/10-D12-C	C	12 (10.8-13.2)	5	10A			
580-LSN5-10-D12H-C	LSN-5/10-D12H-C	C	12 (10.8-13.2)	5	10A			

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 of 25 and up, call for quote.

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

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 of 25 and up, call for quote.

MOUSER STOCK NO.	Datel Part No.	Fig.	Input Volts Nom. (Range)	Output Volts	Output Current	Price Each		
						1	5	10
580-LSM1.2-10-D5-C	LSM-1.2/10-D5-C	D	5 (4.5-5.5)	1.2	10A			
580-LSM2.5-10-D5-C	LSM-2.5/10-D5-C	D	5 (4.5-5.5)	2.5	10A			
580-LSM3.3-10-D5-C	LSM-3.3/10-D5-C	D	5 (4.5-5.5)	3.3	10A			
580-LSM3.3-10-D12-C	LSM-3.3/10-D12-C	D	12 (10.8-13.2)	3.3	10A			
580-LSM5-10-D12-C	LSM-5/10-D12-C	D	12 (10.8-13.2)	5	10A			

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 of 25 and up, call for quote.

MOUSER STOCK NO.	Datel Part No.	Fig.	Input Volts (Range)	Output Volts	Output 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			
※580-78SRH-3.3/2-C	78SRH-3.3/2-C	G	8.0-32VDC	3.3VDC	2.0A			
580-78SR-5/2-C	78SR-5/2-C	G	8.0-32VDC	5.0VDC	2.0A			
※580-78SRH-5/2-C	78SRH-5/2-C	G	8.0-32VDC	5.0VDC	2.0A			

