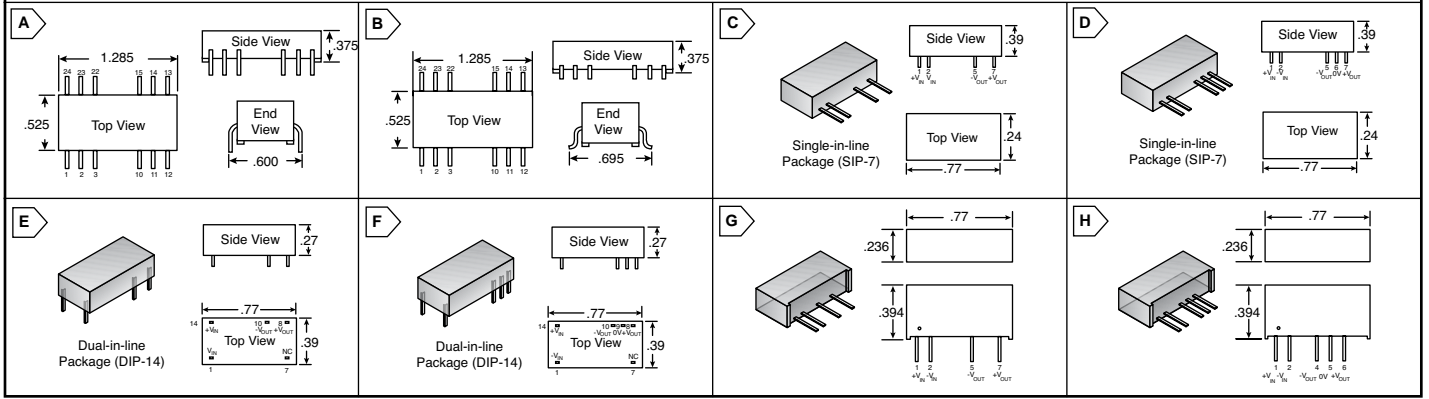


# MURATA POWER SOLUTIONS DC-DC Converters



RoHS Compliant This page of product is compliant.

DIMENSIONS: in.



## HL01R SERIES 1W REGULATED SINGLE AND DUAL OUTPUT

- 1000Vrms isolation test voltage
- Low leakage current - 2mA max
- Internal filtering
- Low barrier capacitance - 10pF
- 24-pin DIP and SMD packages
- Non-conductive case
- -25°C to +65°C operation
- RoHS Compliant



RoHS Compliant

For quantities of 50 and up, call for quote.

MOUSER STOCK NO.	MPS Part No.	Fig.	Input Volts	Output Volts	Io (mA)	Price Each			
						1	5	10	25
<b>Single Output DIP Package</b>									
580-HL01R05S05YC	HL01R05S05YC	A	5	5	200				
580-HL01R05S12YC	HL01R05S12YC	A	5	12	83				
580-HL01R24S05YC	HL01R24S05YC	A	24	5	200				
<b>Dual Output DIP Package</b>									
580-HL01R24D12YC	HL01R24D12YC	A	24	±12	41				
580-HL01R24D15YC	HL01R24D15YC	A	24	±15	33				
<b>Single Output SMD Package</b>									
580-HL01R05S05ZC	HL01R05S05ZC	B	5	5	200				
<b>Dual Output SMD Package</b>									
580-HL01R05D15ZC	HL01R05D15ZC	B	5	±15	33				
580-HL01R24D05ZC	HL01R24D05ZC	B	24	±5	100				

## NMV SERIES 3KVDC ISOLATED, 1W SINGLE AND DUAL OUTPUT CONT.

- 3kVDC isolation
- Efficiency to 80%
- UL 94V-0 package material
- Toroidal magnetics
- Fully encapsulated
- RoHS Compliant
- No heatsink required



RoHS Compliant

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MOUSER STOCK NO.	MPS Part No.	Fig.	Input Volts	Output Volts	Io (mA)	Price Each			
						1	5	10	25
<b>Dual Output DIP Package</b>									
580-NMV0515DC	NMV0515DC	F	5	±15	±34				
580-NMV1205DC	NMV1205DC	F	12	±5	±100				
580-NMV1209DC	NMV1209DC	F	12	±9	±55				
580-NMV1212DC	NMV1212DC	F	12	±12	±42				
580-NMV1215DC	NMV1215DC	F	12	±15	±34				

## MEA/MEV SERIES, 1W SINGLE AND DUAL OUTPUT

- Power density 0.85W/cm<sup>3</sup>
- Wide temp performance @ full load: -40°C to 85°C
- UL 94V-0 package material
- No heatsink required
- Fully encapsulated with toroidal magnetics
- No external components required
- No electrolytic or tantalum capacitors
- RoHS compliant
- Efficiency from 80%



RoHS Compliant

For quantities of 50 and up, call for quote.

MOUSER STOCK NO.	MPS Part No.	Fig.	Input Volts	Output Volts	Io (mA)	Price Each			
						1	5	10	25
<b>Single Output</b>									
• 3kVDC isolation									
580-MEV1S0505SC	MEV1S0505SC	G	5	5	200				
580-MEV1S0509SC	MEV1S0509SC	G	5	9	111				
580-MEV1S0512SC	MEV1S0512SC	G	5	12	84				
580-MEV1S0515SC	MEV1S0515SC	G	5	15	67				
580-MEV1S1205SC	MEV1S1205SC	G	12	5	200				
580-MEV1S1209SC	MEV1S1209SC	G	12	9	111				
580-MEV1S1212SC	MEV1S1212SC	G	12	12	84				
580-MEV1S1215SC	MEV1S1215SC	G	12	15	67				
580-MEV1S1505SC	MEV1S1505SC	G	15	5	200				
580-MEV1S1509SC	MEV1S1509SC	G	15	9	111				
580-MEV1S1512SC	MEV1S1512SC	G	15	12	84				
580-MEV1S1515SC	MEV1S1515SC	G	15	15	67				
580-MEV1S2405SC	MEV1S2405SC	G	24	5	200				
580-MEV1S2409SC	MEV1S2409SC	G	24	9	111				
580-MEV1S2412SC	MEV1S2412SC	G	24	12	84				
580-MEV1S2415SC	MEV1S2415SC	G	24	15	67				
580-MEV1S4805SC	MEV1S4805SC	G	48	5	200				
580-MEV1S4809SC	MEV1S4809SC	G	48	9	111				
580-MEV1S4812SC	MEV1S4812SC	G	48	12	84				
580-MEV1S4815SC	MEV1S4815SC	G	48	15	67				
<b>Dual Output</b>									
• 1kVDC isolation									
580-MEA1D0505SC	MEA1D0505SC	H	5	±5	±100				
580-MEA1D0509SC	MEA1D0509SC	H	5	±9	±55				
580-MEA1D0512SC	MEA1D0512SC	H	5	±12	±42				
580-MEA1D0515SC	MEA1D0515SC	H	5	±15	±33				
580-MEA1D1205SC	MEA1D1205SC	H	12	±5	±100				
580-MEA1D1209SC	MEA1D1209SC	H	12	±9	±55				
580-MEA1D1212SC	MEA1D1212SC	H	12	±12	±42				
580-MEA1D1215SC	MEA1D1215SC	H	12	±15	±33				
580-MEA1D1505SC	MEA1D1505SC	H	15	±5	±100				
580-MEA1D1509SC	MEA1D1509SC	H	15	±9	±56				
580-MEA1D1512SC	MEA1D1512SC	H	15	±12	±42				
580-MEA1D1515SC	MEA1D1515SC	H	15	±15	±33				
580-MEA1D2405SC	MEA1D2405SC	H	24	±5	±100				
580-MEA1D2409SC	MEA1D2409SC	H	24	±9	±56				
580-MEA1D2412SC	MEA1D2412SC	H	24	±12	±42				
580-MEA1D2415SC	MEA1D2415SC	H	24	±15	±33				
580-MEA1D4805SC	MEA1D4805SC	H	48	±5	±100				
580-MEA1D4809SC	MEA1D4809SC	H	48	±9	±56				
580-MEA1D4812SC	MEA1D4812SC	H	48	±12	±42				
580-MEA1D4815SC	MEA1D4815SC	H	48	±15	±33				

## NMV SERIES 3KVDC ISOLATED, 1W SINGLE AND DUAL OUTPUT

- 3kVDC isolation
- Efficiency to 80%
- UL 94V-0 package material
- Toroidal magnetics
- Fully encapsulated
- RoHS Compliant
- No heatsink required



RoHS Compliant

For quantities of 50 and up, call for quote.

MOUSER STOCK NO.	MPS Part No.	Fig.	Input Volts	Output Volts	Io (mA)	Price Each			
						1	5	10	25
<b>Single Output SIP Package</b>									
580-NMV0505SAC	NMV0505SAC	C	5	5	200				
580-NMV0515SAC	NMV0515SAC	C	5	15	67				
580-NMV1205SAC	NMV1205SAC	C	12	5	200				
580-NMV1212SAC	NMV1212SAC	C	12	12	84				
580-NMV1215SAC	NMV1215SAC	C	12	15	67				
580-NMV1505SAC	NMV1505SAC	C	15	5	200				
580-NMV1512SAC	NMV1512SAC	C	15	12	84				
580-NMV1515SAC	NMV1515SAC	C	15	15	67				
580-NMV2405SAC	NMV2405SAC	C	24	5	200				
580-NMV2415SAC	NMV2415SAC	C	24	15	67				
<b>Dual Output SIP Package</b>									
580-NMV0505SC	NMV0505SC	D	5	±5	±100				
580-NMV0509SC	NMV0509SC	D	5	±9	±55				
580-NMV0512SC	NMV0512SC	D	5	±12	±42				
580-NMV0515SC	NMV0515SC	D	5	±15	±34				
580-NMV1205SC	NMV1205SC	D	12	±5	±100				
580-NMV1209SC	NMV1209SC	D	12	±9	±55				
580-NMV1212SC	NMV1212SC	D	12	±12	±42				
580-NMV1215SC	NMV1215SC	D	12	±15	±34				
580-NMV1515SC	NMV1515SC	D	15	±15	±33				
580-NMV2415SC	NMV2415SC	D	24	±15	±34				
<b>Single Output DIP Package</b>									
580-NMV0505DAC	NMV0505DAC	E	5	5	200				
580-NMV0509DAC	NMV0509DAC	E	5	9	111				
580-NMV0512DAC	NMV0512DAC	E	5	12	84				
580-NMV0515DAC	NMV0515DAC	E	5	15	67				
580-NMV1205DAC	NMV1205DAC	E	12	5	200				
580-NMV1212DAC	NMV1212DAC	E	12	12	84				
580-NMV1215DAC	NMV1215DAC	E	12	15	67				

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