

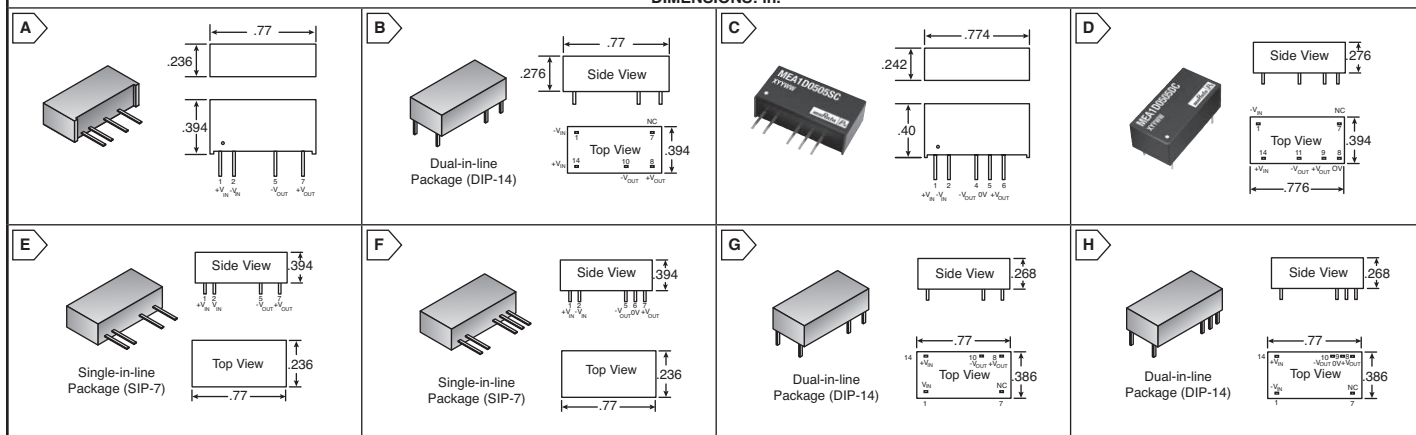
MURATA POWER SOLUTIONS DC-DC Converters

muRata P_S
Murata Power Solutions



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DIMENSIONS: in.



MEV SERIES, 1W SINGLE AND DUAL OUTPUT

- Power density 0.85W/cm³
- 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 to 89% (typ.)

PRODUCT NEW



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
Single Output SIP Package - 3kVDC Isolation									
580-MEV1S0505SC	MEV1S0505SC	A	5	5	200				
580-MEV1S0509SC	MEV1S0509SC	A	5	9	111				
580-MEV1S0512SC	MEV1S0512SC	A	5	12	84				
580-MEV1S0515SC	MEV1S0515SC	A	5	15	67				
580-MEV1S1205SC	MEV1S1205SC	A	12	5	200				
580-MEV1S1209SC	MEV1S1209SC	A	12	9	111				
580-MEV1S1212SC	MEV1S1212SC	A	12	12	84				
580-MEV1S1215SC	MEV1S1215SC	A	12	15	67				
580-MEV1S1505SC	MEV1S1505SC	A	15	5	200				
580-MEV1S1509SC	MEV1S1509SC	A	15	9	111				
580-MEV1S1512SC	MEV1S1512SC	A	15	12	84				
580-MEV1S1515SC	MEV1S1515SC	A	15	15	67				
580-MEV1S2405SC	MEV1S2405SC	A	24	5	200				
580-MEV1S2409SC	MEV1S2409SC	A	24	9	111				
580-MEV1S2412SC	MEV1S2412SC	A	24	12	84				
580-MEV1S2415SC	MEV1S2415SC	A	24	15	67				
580-MEV1S4805SC	MEV1S4805SC	A	48	5	200				
580-MEV1S4809SC	MEV1S4809SC	A	48	9	111				
580-MEV1S4812SC	MEV1S4812SC	A	48	12	84				
580-MEV1S4815SC	MEV1S4815SC	A	48	15	67				
Single Output DIP Package - 3kVDC Isolation									
580-MEV1S0505DC	MEV1S0505DC	B	5	5	200				
580-MEV1S0509DC	MEV1S0509DC	B	5	9	111				
580-MEV1S0512DC	MEV1S0512DC	B	5	12	84				
580-MEV1S0515DC	MEV1S0515DC	B	5	15	67				
580-MEV1S1205DC	MEV1S1205DC	B	12	5	200				
580-MEV1S1209DC	MEV1S1209DC	B	12	9	111				
580-MEV1S1212DC	MEV1S1212DC	B	12	12	84				
580-MEV1S1215DC	MEV1S1215DC	B	12	15	67				
580-MEV1S1505DC	MEV1S1505DC	B	15	5	200				
580-MEV1S1509DC	MEV1S1509DC	B	15	9	111				
580-MEV1S1512DC	MEV1S1512DC	B	15	12	84				
580-MEV1S1515DC	MEV1S1515DC	B	15	15	67				
580-MEV1S2405DC	MEV1S1515DC	B	24	5	200				
580-MEV1S2409DC	MEV1S2409DC	B	24	9	111				
580-MEV1S2412DC	MEV1S2412DC	B	24	12	84				
580-MEV1S2415DC	MEV1S2415DC	B	24	15	67				

MEA1 SERIES, 1W ISOLATED SINGLE AND DUAL OUTPUT

- Power density 0.85W/cm³
- 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 to 89% (typ.)

PRODUCT NEW



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
Dual Output SIP Package - 1kVDC Isolation									
580-MEA1D0505SC	MEA1D0505SC	C	5	±5	±100				
580-MEA1D0509SC	MEA1D0509SC	C	5	±9	±56				
580-MEA1D0512SC	MEA1D0512SC	C	5	±12	±42				
580-MEA1D0515SC	MEA1D0515SC	C	5	±15	±33				
580-MEA1D1205SC	MEA1D1205SC	C	12	±5	±100				
580-MEA1D1209SC	MEA1D1209SC	C	12	±9	±56				
580-MEA1D1212SC	MEA1D1212SC	C	12	±12	±42				
580-MEA1D1215SC	MEA1D1215SC	C	12	±15	±33				
580-MEA1D1505SC	MEA1D1505SC	C	15	±5	±100				
580-MEA1D1509SC	MEA1D1509SC	C	15	±9	±56				
580-MEA1D1512SC	MEA1D1512SC	C	15	±12	±42				
580-MEA1D1515SC	MEA1D1515SC	C	15	±15	±33				
580-MEA1D2405SC	MEA1D2405SC	C	24	±5	±100				
580-MEA1D2409SC	MEA1D2409SC	C	24	±9	±56				
580-MEA1D2412SC	MEA1D2412SC	C	24	±12	±42				
580-MEA1D2415SC	MEA1D2415SC	C	24	±15	±33				
580-MEA1D4805SC	MEA1D4805SC	C	48	±5	±100				
580-MEA1D4809SC	MEA1D4809SC	C	48	±9	±56				
580-MEA1D4812SC	MEA1D4812SC	C	48	±12	±42				
580-MEA1D4815SC	MEA1D4815SC	C	48	±15	±33				
Dual Output DIP Package - 1kVDC Isolation									
580-MEA1D0505DC	MEA1D0505DC	D	5	±5	±100				
580-MEA1D0509DC	MEA1D0509DC	D	5	±9	±56				
580-MEA1D0512DC	MEA1D0512DC	D	5	±12	±42				
580-MEA1D0515DC	MEA1D0515DC	D	5	±15	±33				
580-MEA1D1205DC	MEA1D1205DC	D	12	±5	±100				
580-MEA1D1209DC	MEA1D1209DC	D	12	±9	±56				
580-MEA1D1212DC	MEA1D1212DC	D	12	±12	±42				
580-MEA1D1215DC	MEA1D1215DC	D	12	±15	±33				
580-MEA1D1505DC	MEA1D1505DC	D	15	±5	±100				
580-MEA1D1509DC	MEA1D1509DC	D	15	±9	±56				
580-MEA1D1512DC	MEA1D1512DC	D	15	±12	±42				
580-MEA1D1515DC	MEA1D1515DC	D	15	±15	±33				
580-MEA1D2405DC	MEA1D2405DC	D	24	±5	±100				
580-MEA1D2409DC	MEA1D2409DC	D	24	±9	±56				
580-MEA1D2412DC	MEA1D2412DC	D	24	±12	±42				
580-MEA1D2415DC	MEA1D2415DC	D	24	±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

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
Single Output SIP Package									
580-NMV0505SAC	NMV0505SAC	E	5	5	200				
580-NMV0515SAC	NMV0515SAC	E	5	15	67				
580-NMV1205SAC	NMV1205SAC	E	12	5	200				
580-NMV1212SAC	NMV1212SAC	E	12	12	84				
580-NMV1215SAC	NMV1215SAC	E	12	15	67				
580-NMV1505SAC	NMV1505SAC	E	15	5	200				
580-NMV1515SAC	NMV1515SAC	E	15	15	67				
Dual Output SIP Package									
580-NMV0505SC	NMV0505SC	F	5	±5	±100				
580-NMV0509SC	NMV0509SC	F	5	±9	±55				
580-NMV0512SC	NMV0512SC	F	5	±12	±42				
580-NMV0515SC	NMV0515SC	F	5	±15	±34				
580-NMV1205SC	NMV1205SC	F	12	±5	±100				
580-NMV1212SC	NMV1212SC	F	12	±12	±42				

MOUSER STOCK NO.	MPS Part No.	Fig.	Input Volts	Output Volts	Io (mA)	Price Each			
						1	5	10	25
Dual Output SIP Package (Cont.)									
580-NMV1215SC	NMV1215SC	F	12	±15	±34				
580-NMV1515SC	NMV1515SC	F	15	±15	±33				
580-NMV2415SC	NMV2415SC	F	24	±15	±34				
Single Output DIP Package									
580-NMV0505DAC	NMV2415SC	G	5	5	200				
580-NMV0512DAC	NMV0512DAC	G	5	12	84				
580-NMV1205DAC	NMV1205DAC	G	12	5	200				
580-NMV1212DAC	NMV1212DA	G	12	12	84				
580-NMV1215DAC	NMV1215DAC	G	12	15	67				
Dual Output DIP Package									
580-NMV0515DC	NMV0515DC	H	5	±15	±34				
580-NMV1209DC	NMV1209DC	H	12	±9	±55				
580-NMV1215DC	NMV1215DC	H	12	±15	±34				