

DC-DC Converters

Digital Equipment and OA Equipment



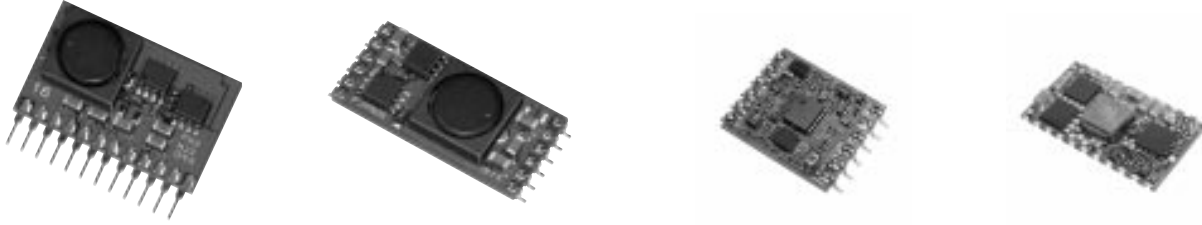
● Specification

Part Number	Input Voltage (V)	Output 1	Output 2	Shape	Dimensions (mm) H×L×T
MPD0S001S	3.0 to 3.6	5V/0.12A	—	SIP	13×26×7
MPD6S012S	3.0 to 5.5	1.1 to 3.6V variable/3A	—	SIP	21×21×9
MPD6L002S	3.0 to 5.5	1.1 to 3.6V variable/3A	1.8 to 3.6V variable/1A	SMD	8×32.4×23.7
MPD5S021S	4.5 to 16.0	3.3V/3A	—	SIP	21×50×14
MPD5S018S	4.5 to 5.5	15.4V/0.6A (*1)	—	SIP	17×50×14
MPD3S010S	11.4 to 12.6	3.4V/1.2A	—	SIP	16×50×11
MPD6S001S	11.4 to 12.6	9V/1.2A	—	SIP	16×50×11
MPD4S007S	16 to 18	3.3V/1.1A	1.845V/0.5A	SIP	23×33.5×10
MPD6S019S	4.5 to 5.5	1.1 to 3.6V variable/4.5A	—	SIP	30×28×11

*1 Derating needs more than 60°C.

DC-DC Converters

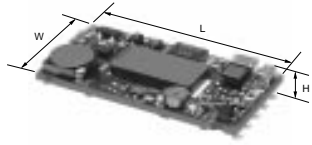
Communication Equipment (Non-Isolation Type)


● Specification

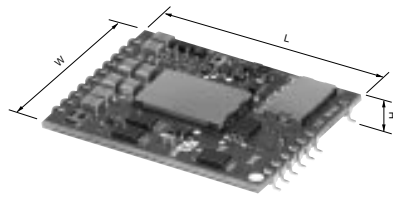
Part Number	Input Voltage (V)	Output Voltage (V)	Output Current (A)	Shape	Dimensions (mm) L×W×H	Application
MPDTY011S	3.3	1.0	6	SIP	33.0×5.8×24.0	Server Router Transfer Equipment BTS
MPDTY012S		1.2				
MPDTY013S		1.5				
MPDTY014S		1.8				
MPDTY015S		2.0				
MPDTY016S		2.5				
MPDTY021S	5.0	1.0	6			
MPDTY022S		1.2				
MPDTY023S		1.5				
MPDTY024S		1.8				
MPDTY025S		2.0				
MPDTY026S		2.5				
MPDTY027S	3.3					
MPDTY111S	3.3	1.0	6	SMD	33.8×15.4×6.0	
MPDTY112S		1.2				
MPDTY113S		1.5				
MPDTY114S		1.8				
MPDTY115S		2.0				
MPDTY116S		2.5				
MPDTY121S	5.0	1.0	6			
MPDTY122S		1.2				
MPDTY123S		1.5				
MPDTY124S		1.8				
MPDTY125S		2.0				
MPDTY126S		2.5				
MPDTY127S	3.3					
MPDTY102S	2.97 to 5.5	0.8 to Vin-0.5 Variable	2	SMD	21.3×16.4×4.2	
MPDTY301S	5.0	0.8 to 3.3 Variable	7	SMD	27.8×15.4×4.2	
MPDTY302S	3.3	0.8 to 2.5 Variable				
MPDTY303S	6.5 to 14	0.8 to 5.5 Variable	8			
MPDTY311S	5.0	0.8 to 3.3 Variable	16			
MPDTY312S	3.3	0.8 to 2.5 Variable				
MPDTY411S	5.0	0.8 to 3.3 Variable	7	SMD	20.3×11.4×6.2	
MPDTY412S	3.3	0.8 to 2.5 Variable				
MPDRX002S	3.0 to 5.5	0.8 to 1.8 Variable	16	SMD	33.0×13.5×8.0	
MPDRX004S	7.0 to 14.0	0.8 to 1.8 Variable	12			

DC-DC Converters

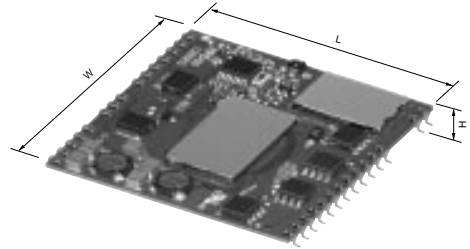
Communication Equipment (Isolation Type)



MPD5D01*S Series



MPD6D10*S/11*S/00*S Series



MPD6D12*S Series
MPD7D01*S Series

● Specification

Power (W)	Number of Output	Part Number	Input Voltage (V)	Output Voltage (V)	Output Current (A)	Dimensions (mm) L×W×H	Weight (g)
5	1	MPD5D01*S Series	48	3.3	1.5	26.8×14.6×4.2	8
				5.0	1		
10	1	MPD6D10*S Series	48	1.5	3.5	39.9×22.4×4.0	8
				1.8			
				2.5	3		
				3.3			
				5.0			
15	1	MPD6D11*S Series	48	1.5	5.2	39.9×31.2×4.0	10
				1.8			
				2.5	4.5		
				3.3			
				5.0			
20	1	MPD6D00*S Series	48	1.5	8	39.9×31.2×4.5	12
				1.8			
				2.5	7		
				3.3			
				5.0			
30	1	MPD6D12*S Series	48	1.5	11	45.0×45.0×4.2	18
				1.8			
				2.5	10		
				3.3			
				5.0			
50	1	MPD7D01*S Series	48	3.3	15	45.0×45.0×4.5	18
				5.0	10		

Minimum Order Quantity : 1,000 pcs.

△Note • This PDF catalog is downloaded from the website of Murata Manufacturing co., ltd. Therefore, it's specifications are subject to change or our products in it may be discontinued without advance notice. Please check with our sales representatives or product engineers before ordering.
• This PDF catalog has only typical specifications because there is no space for detailed specifications. Therefore, please approve our product specifications or transact the approval sheet for product specifications before ordering.