

DC-DC Converters

Digital Equipment and OA Equipment



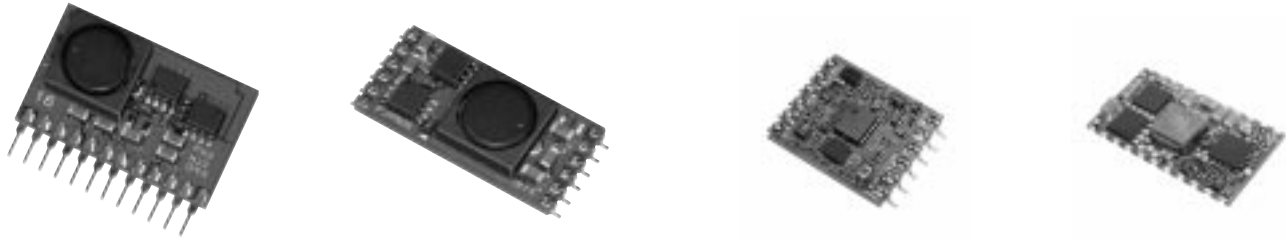
● Specification

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.

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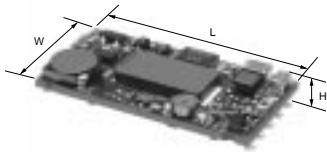
Communication Equipment (Non-Isolation Type)


● Specification

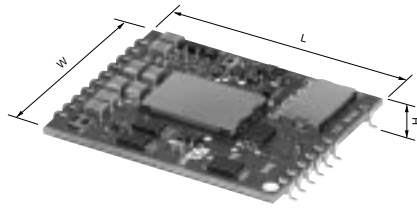
Part Number	Input Voltage (V)	Output Voltage (V)	Output Current (A)	Shape	Dimensions (mm) L×W×H	Application
MPDTY011S	3.3	1.0	6	SIP	33.0×5.8×24.0	Server Router Transfer Equipment BTS
MPDTY012S		1.2				
MPDTY013S		1.5				
MPDTY014S		1.8				
MPDTY015S		2.0				
MPDTY016S		2.5				
MPDTY021S	5.0	1.0	6			
MPDTY022S		1.2				
MPDTY023S		1.5				
MPDTY024S		1.8				
MPDTY025S		2.0				
MPDTY026S		2.5				
MPDTY027S		3.3				
MPDTY111S	3.3	1.0	6			
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	16	SMD	33.0×13.5×8.0	
MPDRX002S	3.0 to 5.5	0.8 to 1.8 Variable				
MPDRX004S	7.0 to 14.0	0.8 to 1.8 Variable	12			

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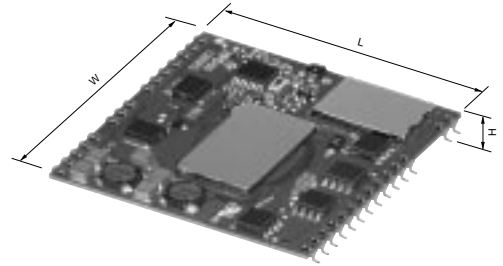
Communication Equipment (Isolation Type)



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		MPD6D10*S Series		1.5	3.5	39.9×22.4×4.0		
				1.8	3			
				2.5				
				3.3				
				5.0				2
15		MPD6D11*S Series		1.5	5.2	39.9×31.2×4.0		10
				1.8	4.5			
				2.5				
				3.3				
20		MPD6D00*S Series		5.0	3	39.9×31.2×4.5		12
	1.5		8					
	1.8							
	2.5			7				
	3.3			6				
30	MPD6D12*S Series	5.0	4	45.0×45.0×4.2	18			
		1.5	11					
		1.8						
		2.5				10		
		3.3				9		
50	MPD7D01*S Series	5.0	6	45.0×45.0×4.5	18			
		3.3	15					
				5.0	10			

Minimum Order Quantity : 1,000 pcs.

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