

# DC-DCコンバータ

非絶縁型



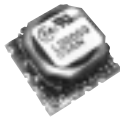
MYUSP3R303FMP



MPDRX312S



MPDTY11\*S



OKLシリーズ



MPDRX002S



MPDRX103S

品番	形状	入力電圧 (V)	出力電力 (W)	出力電圧 (V)	出力電流 (A)	効率	寸法 (mm) L x W x H
MPDTH03050WAS/H	WAS=SMD WAH = Through hole	2.95 ~ 3.65	15	0.8 ~ 2.5	6	94% (2.5V/4A)	22.1 x 12.6 x 9.1 (8.5)
MPDTH05050WAS/H		4.5 ~ 5.5	21.6	0.8 ~ 3.6		95% (3.3V/4A)	
MPDTH12050WAS/H		10.8 ~ 13.2	33	1.2 ~ 5.5		93% (5V/4A)	
MPDTH03060WAS/H		2.95 ~ 3.65	25	0.8 ~ 2.5	10	93% (2.5V/7A)	25.3 x 15.8 x 9.6 (9.0)
MPDTH05060WAS/H		4.5 ~ 5.5	36	0.8 ~ 3.6		94% (3.3V/7A)	
MPDTH12060WAS/H		10.8 ~ 13.2	55	1.2 ~ 5.5	94% (5V/8A)		
MPDTH03010WAS/H		2.95 ~ 3.65	37.5	0.8 ~ 2.5	15	93% (2.5V/10A)	34.8 x 15.8 x 9.6 (9.0)
MPDTH05010WAS/H		4.5 ~ 5.5	54	0.8 ~ 3.6		95% (3.3V/10A)	
MPDTH12010WAS/H		10.8 ~ 13.2	66	1.2 ~ 5.5	12	94% (5V/10A)	
MPDTH03020WAS/H		2.95 ~ 3.65	55	0.8 ~ 2.5	22	95% (2.5V/10A)	38.0 x 22.1 x 9.6 (9.0)
MPDTH05020WAS/H		4.5 ~ 5.5	79.2	0.8 ~ 3.6		95% (3.3V/14A)	
MPDTH12020WAS/H		10.8 ~ 13.2	99	1.2 ~ 5.5	18	95% (5V/12A)	
MPDTH03030WAS/H		2.95 ~ 3.65	75	0.8 ~ 2.5	30	93% (2.5V/20A)	34.8 x 28.5 x 9.6 (9.0)
MPDTH05030WAS/H		4.5 ~ 5.5	108	0.8 ~ 3.6		94% (3.3V/20A)	
MPDTH12030WAS/H		10.8 ~ 13.2	143	1.2 ~ 5.5		26	
MPDTH04040WAS/H		2.95 ~ 5.5	216	0.8 ~ 3.6	60	96% (3.3V/35A)	51.9 x 26.5 x 9.4 (9.1)
MPDTH12040WAS/H		8.0 ~ 14.0	275	0.8 ~ 5.5	50	95% (3.3V/35A)	
MPDTH03050YAS/H*		2.95 ~ 3.65	10.8	0.55 ~ 1.8	6	88% (1.25V/4A)	22.1 x 12.6 x 9.1 (8.5)
MPDTH05050YAS/H*		4.5 ~ 5.5				87% (1.25V/4A)	
MPDTH12050YAS/H*		10.8 ~ 13.2				84% (1.25V/4A)	
MPDTH03060YAS/H*	2.95 ~ 3.65	18	0.55 ~ 1.8	10	86% (1.25V/8A)	25.3 x 15.8 x 9.6 (9.0)	
MPDTH05060YAS/H*	4.5 ~ 5.5				83% (1.25V/8A)		
MPDTH12060YAS/H*	10.8 ~ 13.2	27	0.55 ~ 1.8	15	88% (1.25V/10A)	34.8 x 15.8 x 9.6 (9.0)	
MPDTH03010YAS/H*	2.95 ~ 3.65				88% (1.25V/10A)		
MPDTH05010YAS/H*	4.5 ~ 5.5				85% (1.25V/10A)		
MPDTH12010YAS/H*	10.8 ~ 13.2	21.6	0.8 ~ 1.8	12	85% (1.25V/10A)	33.0 x 13.5 x 8.0	
MPDTY402S	3.0 ~ 5.5	52.8			0.75 ~ 3.3		16
MPDTY411S	4.5 ~ 5.5	23.1	0.8 ~ 3.3	7	94% (3.3V/7A)	20.3 x 11.4 x 6.2	
MPDTY412S	3.0 ~ 3.6	17.5	0.8 ~ 2.5		93% (2.5V/7A)		
MPDTY413S	10.0 ~ 14.0	33	0.8 ~ 5.5	6	94% (3.3V/6A)		
MPDRX002S	3.0 ~ 5.5	28.8	0.8 ~ 1.8	16	90% (1.8V/16A)	33.0 x 13.5 x 8.5	
MPDRX004S	7.0 ~ 14.0	21.6			12		88% (1.8V/12A)

\*DDR用

寸法欄の ( ) はThrough hole品を示します。

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品番	形状	入力電圧 (V)	出力電力 (W)	出力電圧 (V)	出力電流 (A)	効率	寸法 (mm) L×W×H		
MPDRX103S	SIL	10.8 ~ 13.2	28.8	0.8 ~ 1.8	16	86% (1.8V/16A)	50.8 × 5.8 × 14.0		
MPDRX104S			39.6	1.5 ~ 3.3		88% (3.3V/12A)			
MPD6S022S		3.0 ~ 5.5	10.8	1.1 ~ 3.6	3	96% (3.3V/1A)	20.0 × 9.0 × 21.0		
MPDTY011S		2.97 ~ 3.63	6	6	1	6	84%	33.0 × 5.8 × 24.0	
MPDTY012S				7.2	1.2		87%		
MPDTY013S				9	1.5		89%		
MPDTY014S				10.8	1.8		90%		
MPDTY015S				12	2		92%		
MPDTY016S				15	2.5		93%		
MPDTY021S		4.5 ~ 5.5	6	6	1	6	82%		
MPDTY022S				7.2	1.2		84%		
MPDTY023S				9	1.5		86%		
MPDTY024S				10.8	1.8		88%		
MPDTY025S				12	2		89%		
MPDTY026S				15	2.5		91%		
MPDTY027S	19.8			3.3	93%				
MPDTY111S	SMD			2.97 ~ 3.63	6		1		6
MPDTY112S		7.2	1.2		87%				
MPDTY113S		9	1.5		89%				
MPDTY114S		10.8	1.8		90%				
MPDTY115S		12	2		92%				
MPDTY116S		15	2.5		93%				
MPDTY121S		4.5 ~ 5.5	6	6	1	6	82%		
MPDTY122S				7.2	1.2		84%		
MPDTY123S				9	1.5		86%		
MPDTY124S				10.8	1.8		88%		
MPDTY125S				12	2		89%		
MPDTY126S				15	2.5		91%		
MPDTY127S		19.8	3.3	93%					
MPDTY102S		SIL	4.0 ~ 5.5	10	0.8 ~ 5.0	2	93% (2.4V/1A)	21.3 × 16.4 × 4.2	
MYUSP3R303FMP				9.9	0.7 ~ 3.3	3	94% (3.3V/1A)	11.0 × 8.5 × 5.6	
MYFSP3R303FMS	9.9			0.7 ~ 3.3	3	91% (3.3V/1A)	11.0 × 8.7 × 5.6		
MYDUS3R32GFZP	SIL	4.0 ~ 5.5	8.3	0.8 ~ 3.3	2.5	93%	19.5 × 9.0 × 13.5		
OKL-T/3-W5N-C	SMD	2.7 ~ 5.5	10.9	0.6 ~ 3.63	3	95.3%	12.2 × 12.2 × 6.2		
OKL-T/3-W5P-C									
OKL2-T/3-W5N-C									
OKL2-T/3-W5P-C									
OKL-T/6-W5N-C			21.8		6	93.5%		12.2 × 12.2 × 7.2	
OKL-T/6-W5P-C									
OKL2-T/6-W5N-C									
OKL2-T/6-W5P-C		4.5 ~ 14.0	16.5	0.59 ~ 5.5	3	93%	12.2 × 12.2 × 6.2		
OKL-T/3-W12N-C									
OKL-T/3-W12P-C									
OKL2-T/3-W12N-C			33		6			93%	12.2 × 12.2 × 7.2
OKL2-T/3-W12P-C									
OKL-T/6-W12N-C									
OKL-T/6-W12P-C									
OKL2-T/6-W12N-C									
OKL2-T/6-W12P-C									
MPDTY301S		4.5 ~ 5.5	23.1	0.8 ~ 3.3	7	95% (3.3V/7A)	27.8 × 15.4 × 4.2		
MPDTY302S		3.0 ~ 3.6	17.5	0.8 ~ 2.5		94% (2.5V/7A)			
MPDTY303S	6.5 ~ 14.0	44	0.8 ~ 5.5	8	92% (3.3V/8A)				
MPDTY311S	4.5 ~ 5.5	52.8	0.8 ~ 3.3	16	94% (3.3V/16A)				
MPDTY312S	3.0 ~ 3.6	40	0.8 ~ 2.5		91.5% (2.5V/16A)				

OKL2は、トラッキング機能有り品

寸法欄の ( ) はThrough hole品を示します。

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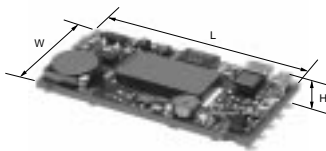
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品番	形状	入力電圧 (V)	出力電力 (W)	出力電圧 (V)	出力電流 (A)	効率	寸法 (mm) L x W x H	
MPDRX301S	SMD	5.6 ~ 14.0	47.2	1.6 ~ 3.63	13	90% (3.3V/13A)	21.9 x 21.7 x 4.2	
MPDRX302S			21.5	0.8 ~ 1.65		82% (1.2V/13A)		
MPDRX303S			94.4	1.6 ~ 3.63	26	90% (3.3V/26A)	26.8 x 26.8 x 7.0	
MPDRX304S			42.9	0.8 ~ 1.65		84% (1.2V/26A)		
MPDRX312S		3.0 ~ 5.5	28.8	0.8 ~ 1.8	16	86.5% (1.8V/16A)	27.8 x 15.4 x 4.2	
MPDRX313S		4.5 ~ 5.5	85.8	0.8 ~ 3.3	26	85.4% (1.2V/20A)	26.8 x 26.8 x 7.0	
MPDRX021S			18	0.85 ~ 1.8	10	87% (1.2V/10A)	22.1 x 15.8 x 8.4	
MPDRX307S		6.2 ~ 13.2	23.6	1.6 ~ 3.63	6.5	91% (3.3V/5A)	20.2 x 17.6 x 4.2	
MPDRX308S			10.7	0.8 ~ 1.6		82% (1.2V/5A)		
MPD6M031S		10.8 ~ 13.2	30	1.2 ~ 5.0	6	92% (2.5V/6A)	29.6 x 20.9 x 7.2	
MPDTY321S		4.5 ~ 5.5	13.2	0.8 ~ 3.3	4	93% (3.3V/4A)	15.8 x 15.4 x 2.9	
MYSSM0123ECEN		17.0 ~ 40.0	42	5.0 ~ 12.0	3.5	97% (12V/3.5A)	30.2 x 20.9 x 12.0	
MYGTC012R5BZN		SIL	17.0 ~ 40.0	8.5	Vo1=5.0 Vo2=12.0	Io1=0.5 Io2=0.5	89%	25.1 x 12.0 x 27.0
MYGTR1205BZN				36	5.0 ~ 12.0	3 ~ 5.2	93%	
MYGTM01210BZN	120			10		97%		
MYSSM3R31ECEN	SMD	21.6 ~ 26.4	4.95	3.3	1.5	88%	30.2 x 20.9 x 12.0	

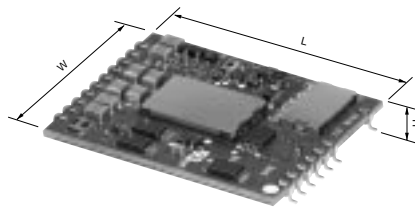
寸法欄の ( ) はThrough hole品を示します。

## DC-DCコンバータ

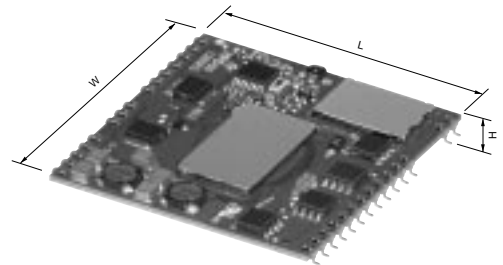
絶縁型



MPD5D01\*Sシリーズ



MPD6D10\*S/11\*S/20\*Sシリーズ  
MPD7D06\*Sシリーズ



MPD6D12\*Sシリーズ  
MPD7D05\*S/13\*S/12\*Sシリーズ

品番	形状	入力電圧 (V)	出力電力 (W)	出力電圧 (V)	出力電流 (A)	効率	寸法 (mm) L x W x H
MPDKN004S	1/4Brick Type Through hole	36.0 ~ 75.0	50	1.8	15	85%	57.0 x 36.8 x 5.5
MPDKN006S				2.5		87%	
MPDKN007S				3.3		88%	
MPDKN008S				5	10	89%	

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品番	形状	入力電圧 (V)	出力電力 (W)	出力電圧 (V)	出力電流 (A)	効率	寸法 (mm) L x W x H		
MPD5D013S	SMD	36.0 ~ 75.0	5	1.5	0.8	70%	27.0 x 14.6 x 4.7		
MPD5D014S				1.8	1	75%			
MPD5D016S				2.5	1.2	80%			
MPD5D017S				3.3	1.5	84%			
MPD5D018S				5	1	85%			
MPD6D101S			10	36.0 ~ 75.0	3.5	12	0.8	88%	39.9 x 22.4 x 4.2
MPD6D102S						1.2	3.5	79%	
MPD6D103S						1.5	3.5	82%	
MPD6D104S					1.8	3	86%		
MPD6D105S					2		88%		
MPD6D106S					2.5	2	89%		
MPD6D107S					3.3				
MPD6D108S					5				
MPD6D109S					5.2				
MPD6D111S					15	36.0 ~ 75.0	5.2	12	
MPD6D112S			1.2	5.2				82%	
MPD6D113S			1.5	5.2				84%	
MPD6D114S			1.8	4.5			87%		
MPD6D116S			2.5				88%		
MPD6D117S			3.3	3			90%		
MPD6D118S			5						
MPD6D119S			5.2						
MYLPW3R34EAFN			18.0 ~ 60.0	3.3			4.5	87%	30.5 x 39.9 x 4.2
MPD6D122S			30	36.0 ~ 75.0	30	1.2	12	84%	45.0 x 45.0 x 4.4
MPD6D123S						1.5	11	86%	
MPD6D124S						1.8	11	88%	
MPD6D126S						2.5	10	89%	
MPD6D127S						3.3	9	91%	
MPD6D128S						5	6	92%	
MPD7D067S						35	3.3	10.6	
MPD7D068S			5	7					
MPD7D052S			50	36.0 ~ 75.0	50	1.2	16	86%	45.0 x 36.2 x 4.2
MPD7D053S						1.5	17	84%	
MPD7D054S	1.8	16				86%			
MPD7D056S	2.5	15				89%			
MPD7D057S	3.3					90%			
MPD7D058S	5	10							
MPD6D207S	30	18.0 ~ 36.0	30	3.3	9	91%	39.3 x 30.1 x 8.0		
MPD6D209S				5	6				
MPD7D137S	80	36.0 ~ 75.0	80	3.3	24	92%	45.0 x 45.0 x 8.5		
MPD7D138S				5	16	93%			
MPD7D128S				100	20	92.5%			