

OUTLINE PRODUCT SPECIFICATION

Miniature and Point of Load DC-DC Converters



SMD - 1W Unregulated

- ⇒ Up to 3KVDC Isolation
- ⇒ Efficiency up to 83%
- ⇒ 100% Burn In
- ⇒ Net weight 2.2g
- ⇒ Transfer Moulding
- ⇒ -40°C to +85°C

W	Series	Case	INPUT (VDC)							Output	OUTPUT (VDC)									ISOLATION VDC	Material	
			3.3	5	9	12	15	24	48		3	3.3	4.8	5	7.2	9	12	15	18			24
1	PSDxxxxS	SOIC14	*	*	*	*				Single		*		*		*	*	*			1.000	P
1	PSDxxxxD	SOIC18	*	*	*	*				Dual		*		*		*	*	*			1.000	P
1	PXV3xxxxZ	SOIC22		*	*	*				Dual			*		*	*	*	*			3.000	P



SMD - 3W to 6W Regulated and 4:1 Input

- ⇒ Up to 3.5KVDC Isolation
- ⇒ Efficiency up to 83%
- ⇒ 100% Burn in
- ⇒ Input Range up to 4:1
- ⇒ Transfer Moulding
- ⇒ -40°C to +85°C

W	Series	Case	INPUT (VDC)					Output	OUTPUT (VDC)									ISOLATION VDC	Material		
			9-18	9-36	18-36	18-72	36-72		3	3.3	4.8	5	7.2	9	12	15	18			24	
3	PSD3xxxxEH15	DIP24	*			*		Single		*		*								1.500	P
3	PSD3xxxxEH35	DIP24		*		*		Single		*		*								3.500	P
3	PSD3xxxxZH15	DIP24		*		*		Dual			*			*						1.500	P
3	PSD3xxxxZH35	DIP24		*		*		Dual			*			*						3.500	P
6	PSD6xxxxEH15	DIP24		*		*		Single			*			*						1.500	P
6	PSD6xxxxEH35	DIP24		*		*		Single			*			*						3.500	P
6	PSD6xxxxZH15	DIP24		*		*		Dual			*			*						1.500	P
6	PSD6xxxxZH35	DIP24		*		*		Dual			*			*						3.500	P



SIP4 - 0.25W to 2W Unregulated

- ⇒ Up to 3KVDC Isolation
- ⇒ Efficiency up to 80%
- ⇒ Low Ripple and Noise
- ⇒ Input Filter with Internal Capacitor
- ⇒ Ultra Miniature Package
- ⇒ -40°C to +85°C

W	Series	INPUT (VDC)							Output	OUTPUT (VDC)									ISOLATION VDC	Material	
		3.3	5	9	12	15	24	48		3	3.3	4.8	5	7.2	9	12	15	18			24
0.25	P2AUxxxxE	*	*	*	*	*	*	*	Single	*	*	*	*	*	*	*	*	*	*	1.000	P
0.25	P2IUxxxxE	*	*	*	*	*	*	*	Single	*	*	*	*	*	*	*	*	*	*	3.000	P
0.5	P3AUxxxxE	*	*	*	*	*	*	*	Single	*	*	*	*	*	*	*	*	*	*	1.000	P
0.5	P3IUxxxxE	*	*	*	*	*	*	*	Single	*	*	*	*	*	*	*	*	*	*	3.000	P
1	P6AUxxxxE	*	*	*	*	*	*	*	Single	*	*	*	*	*	*	*	*	*	*	1.000	P
1	P6IUxxxxE	*	*	*	*	*	*	*	Single	*	*	*	*	*	*	*	*	*	*	3.000	P
2	P10AUxxxxE	*	*	*	*	*	*	*	Single	*	*	*	*	*	*	*	*	*	*	1.000	P
2	P10IUxxxxE	*	*	*	*	*	*	*	Single	*	*	*	*	*	*	*	*	*	*	3.000	P



SIP6 - 1W Unregulated

- ⇒ 3KVDC Isolation
- ⇒ Efficiency up to 82%
- ⇒ 100% Burn In
- ⇒ Reduced SIP7 Case
- ⇒ Internal SMD Construction
- ⇒ -40°C to +85°C

W	Series	INPUT (VDC)							Output	OUTPUT (VDC)									ISOLATION VDC	Material	
		3.3	5	9	12	15	24	48		3	3.3	4.8	5	7.2	9	12	15	18			24
1	P6EUxxxxZH30		*		*				Dual	*			*	*	*	*	*	*	*	3.000	P