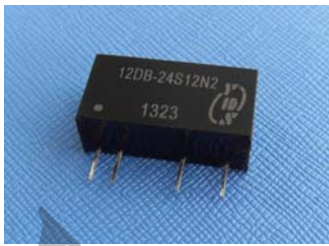




3000Vdc Isolation Single & Dual Output 1 Watt Dc-Dc Converter



FEATURES:

- 7PIN SIP Package
- High Efficiency up to 82%
- Output Continuous Short Circuit Protection
- Unregulated Output Types
- Internal SMD Construction
- Industry Standard Pinout
- Operating Temperature: -40°C TO +105°C



Specifications typical at TA=25°C, nominal input voltage and rated output current unless otherwise specified

Part Number	Output Voltage	Output Current	Ripple & Noise		Efficiency	Package Style
	Vdc	mA	Typ(mVp-p)	Max(mVp-p)	%Typ	
12DB-05S05N	5	200	60	100	80	1
12DB-05S09N	9	112	60	100	80	1
12DB-05S12N	12	84	60	100	80	1
12DB-05S15N	15	67	60	100	80	1
12DB-12S05N	5	200	60	100	80	1
12DB-12S09N	9	112	60	100	80	1
12DB-12S12N	12	84	60	100	82	1
12DB-12S15N	15	67	60	100	81	1
12DB-15S05N2	5	200	60	100	78	2
12DB-15S09N2	9	112	60	100	79	2
12DB-15S12N2	12	84	60	100	79	2
12DB-15S15N2	15	67	60	100	79	2
12DB-24S05N2	5	200	60	100	77	2
12DB-24S09N2	9	112	60	100	79	2
12DB-24S12N2	12	84	60	100	79	2
12DB-24S15N2	15	67	60	100	79	2
12DB-24S24N2	24	42	60	100	81	2
12DB-05D05N	±5	±100	60	100	80	1
12DB-05D09N	±9	±56	60	100	80	1
12DB-05D12N	±12	±42	60	100	80	1
12DB-05D15N	±15	±34	60	100	80	1
12DB-12D05N	±5	±100	60	100	80	1
12DB-12D09N	±9	±56	60	100	80	1
12DB-12D12N	±12	±42	60	100	82	1
12DB-12D15N	±15	±34	60	100	81	1
12DB-15D05N2	±5	±100	60	100	78	2
12DB-15D09N2	±9	±56	60	100	78	2
12DB-15D12N2	±12	±42	60	100	78	2
12DB-15D15N2	±15	±34	60	100	78	2
12DB-24D05N2	±5	±100	60	100	78	2
12DB-24D09N2	±9	±56	60	100	79	2
12DB-24D12N2	±12	±42	60	100	79	2
12DB-24D15N2	±15	±34	60	100	78	2

Input Specifications

Parameters	Conditions	Min	Typ	Max	Units
Voltage Tolerance	Vo, Io Nom			±10	%
Filter	Capacitor				

Output Specifications

Parameters	Conditions	Min	Typ	Max	Units
Voltage Tolerance	100% full load			±5	%
Short Circuit Protection	Continuous				
Line Regulation	For 1.0% OF Vin		1.2		%
Load Regulation	5V,9V (10% To 100% F.L)			15	%
Load Regulation	12~24V (10% To 100% F.L)			10	%
Load Regulation	±5V,±9V (10% To 100% F.L)			15	%
Load Regulation	±12~±24V (10% To 100% F.L)			10	%

