



- High Isolation 3000V up to 6000V
- Efficiency up to 82%
- Excellent Anti Disturbance Performance
- MTBF: 2.000.000 Calculated Hours
- Extended Temperature Range

Electrical Shortform Specifications

Electrical Specification	Input Voltage:	5Vdc / 12Vdc / 24Vdc (Input $\pm 5\%$)
	Output Voltage (Vout):	See Product Chart
	Switch Frequency:	150kHz to 200kHz
	Ripple & Noise:	3.3Vdc, 5Vdc Max 50mV / 12Vdc, 15Vdc, 24Vdc Max. 100mV
	Efficiency:	Up to 82%
	Output Load Efficiency:	$\leq \pm 2\%$ (0% to 100% Load)
	No Load Voltage:	5Vdc, 9Vdc (0.8Vdc Max.) / 12Vdc, 15Vdc, 24Vdc (1.5Vdc Max.)
	TEMP. Coefficient:	$\leq \pm 0.02\%$ °C (Celsius)
Protection (Auto Recovery)	MTBF:	2.000.000 Hours
	Isolation I/O:	3000V - 6000V / 0.5mA for 1min
	Short Circuit Protection:	Short Circuit (1sec)
	Over Load Protection:	Yes
Certifications & EMC	Over TEMP. Protection:	Yes
	Approvals:	CE / RoHS
Environmental	EMC	EN61000
	Operating TEMP.:	-45°C to +85°C
	Storage TEMP.:	-45°C to +125°C
Dimension & Material	Cooling:	Natural Cooling
	Case Size (L x H x W):	15.24 x 6.25 x 7.50mm
	Weight:	2.6g (± 0.5)
	MTBF:	2.000.000 Hours
	Soldering Temperature:	≤ 10 sec 300°C Max.

Note - Non Load Operation for a Long Time is NOT Recommended
For complete Datasheet/Specification and Drawing please contact Power Outlet

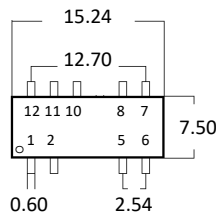
DxxHSxxT = Single Output

DxxHDxxT = Dual Output

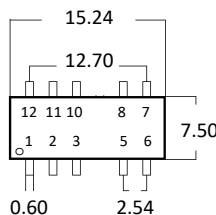
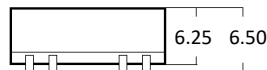
Pin	Function
1	GND
2	Vin
5	Com
6	Vout-
7	NC
8	Vout+
10	NC
11	NC
12	NC

Pin	Function
1	GND
2	Vin
5	0V
6	NC
7	NC
8	Vout+
10	NC
11	NC
12	NC

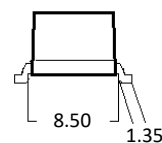
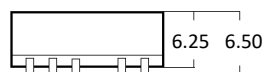
Dimensions: mm



DxxHSxxT 1W



DxxHDxxT 1W



Product Chart

Model	Input Voltage (Vdc)	Output Voltage (Vout)	Load Current (mA)	Ripple & Noise (mV)	Efficiency (%)
D05HS3.3T 1W	5Vdc ±5%	3.3	303	50	75
D05HS05T 1W		5	200	50	75
D05HS12T 1W		12	83	100	78
D05HS15T 1W		15	67	100	78
D05HS24T 1W		24	42	100	80
D12HS3.3T 1W	12Vdc ±5%	3.3	303	50	75
D12HS05T 1W		5	200	50	75
D12HS12T 1W		12	83	100	78
D12HS15T 1W		15	67	100	78
D12HS24T 1W		24	42	100	80
D24HS3.3T 1W	24Vdc ±5%	3.3	303	50	75
D24HS05T 1W		5	200	50	80
D24HS12T 1W		12	83	100	82
D24HS15T 1W		15	67	100	82
D24HS24T 1W		24	42	100	82
D05HD3.3T 1W	5Vdc ±5%	±3.3	±151	50	75
D05HD05T 1W		±5	±100	50	75
D05HD12T 1W		±12	±41	100	78
D05HD15T 1W		±15	±33	100	78
D05HD24T 1W		±24	±21	100	80
D12HD3.3T 1W	12Vdc ±5%	±3.3	±151	50	75
D12HD05T 1W		±5	±100	50	75
D12HD12T 1W		±12	±41	100	78
D12HD15T 1W		±15	±33	100	78
D12HD24T 1W		±24	±21	100	80
D24HD3.3T 1W	24Vdc ±5%	±3.3	±151	50	75
D24HD05T 1W		±5	±100	50	80
D24HD12T 1W		±12	±41	100	82
D24HD15T 1W		±15	±33	100	82
D24HD24T 1W		±24	±21	100	82