



- Single Voltage Output
- Small Compact Size
- Surface Mounted
- MTBF 2.000.000 Hours
- Extended Working Temp Available
- Excellent Anti Interference Function
- 3000V Isolation Available

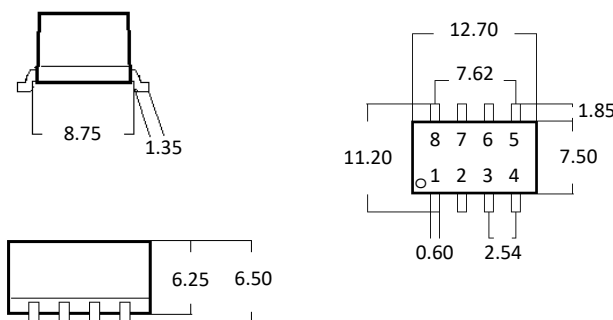
Technical Shortform Specifications					
Electrical Specification	Input Voltage:	5Vdc / 12Vdc / 24Vdc (Input $\pm 5\%$)			
	Output Voltage (Vout):	See Chart			
	Switch Frequency:	50kHz to 800kHz			
	Ripple & Noise:	Max. 100mV			
	Efficiency:	Up to 78%			
	Output Load Efficiency:	$\leq \pm 3\%$ (10% to 100% Load)			
	No Load Voltage:	5Vdc, 9Vdc (0.8Vdc Max.) / 12Vdc, 15Vdc, 24Vdc (1.5Vdc Max.)			
	TEMP. Coefficient:	$\leq \pm 0.03\%$ °C (Celsius)			
Protection	Isolation I/O:	1000V / 0.5mA for 1min (Up to 3000V Isolation Available)			
	Protection Short Circuit:	Short Circuit (1sec)			
	Protection Over Temp.:	Yes			
	Protection Over Load:	Yes			
Certification & EMI	Approvals:	CE / RoHS			
	EMC:	EN61000-1, 3			
Environmental	Operating TEMP.:	Industrial:	-25°C to +55°C	Military:	-45°C to +85°C
	Storage TEMP.:	-45°C to +125°C			
	Cooling:	Natural Cooling			
	MTBF:	2.000.000 Hours			
Dimension & Material	Case Size (L x W x H):	12.70 x 7.50 x 6.25mm			
	Weight:	2.5g (± 0.5)			
	Case Material:	Plastic UL94-V0			
	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

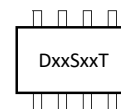
Dimension & Drawings

Dimension (mm)



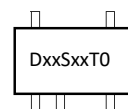
DxxSxxT = Single Output

Pin	Function
1	GND
2	Vin
3	NC
4	0V
5	+Vout
6	NC
7	NC
8	NC



DxxSxxT0 = Single Output

Pin	Function
1	GND
2	Vin
3	-
4	0V
5	+Vout
6	-
7	-
8	NC



Product Chart

Model	Input Voltage (Vdc)	Output Voltage (Vout)	Load Current (mA)	Ripple & Noise (mVp-p Max.)	Efficiency (%)
D05S3.3T 2W	5Vdc ±5%	3.3	606	50	72
D05S05T 2W		5	400	50	72
D05S12T 2W		12	166	100	75
D05S15T 2W		15	134	100	75
D05S24T 2W		24	83	100	78
D12S3.3T 2W	12Vdc ±5%	3.3	606	50	72
D12S05T 2W		5	400	50	72
D12S12T 2W		12	166	100	75
D12S15T 2W		15	134	100	75
D12S24T 2W		24	83	100	78
D24S3.3T 2W	24Vdc ±5%	3.3	606	50	72
D24S05T 2W		5	400	50	72
D24S12T 2W		12	166	100	75
D24S15T 2W		15	134	100	75
D24S24T 2W		24	83	100	78

* For 3000V Isolation add Suffix "H3" (Dxx(H3)SxxT xW)