

- SMD (Surface Mounted)
- Multiple Voltage Output
- Protection with Auto Recovery Function
- Extended Temp Range
- MTBF: 2.000.000 Calculated Hours
- 3000V Isolation Available

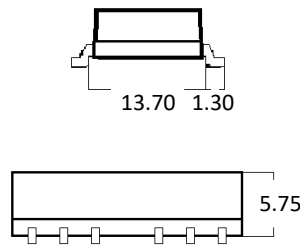
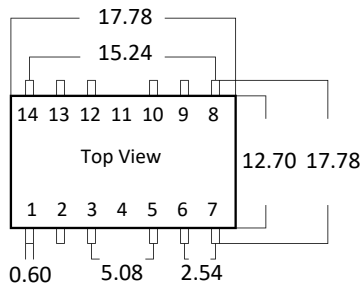
### Technical Shortform Specifications

Electrical Specification	Input Voltage:	5Vdc / 12Vdc / 24Vdc (Input $\pm 5\%$ )
	Output Voltage (Vout):	See Chart page 2.
	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)
	MTBF:	2.000.000 Hours
Protection (Auto Recovery)	Isolation I/O:	1500V / 0.5mA for 1min (3000V Isolation Available)
	Short Circuit Protection:	Short Circuit (1sec)
	Over Load Protection:	YES
	Over TEMP. Protection:	YES
Certification & EMI	Certifications:	CE / RoHS
	EMC:	EN61000
Environmental	Operating TEMP.:	-45°C to +85°C
	Storage TEMP.:	-45°C to +125°C
	Cooling:	Natural Cooling
Dimension & Material	Case Size (L x W x H):	1W: 17.78 x 12.70 x 5.75mm 2W: 17.78 x 12.70 x 5.75mm
	Weight:	2.7g ( $\pm 0.5$ )
	Case Material:	Plastic UL94-V0
	Soldering Temperature:	$\leq 10$ 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

## Drawing & Dimensions

Measurements: mm



DxxTDxxxxT - Multiple Output

Pin	Function	Pin	Function
1	GND	8	NC
2	Vin	9	+Vout2
3	NC	10	0V2
4	-	11	-
5	0V1	12	NC
6	+Vout1	13	NC
7	NC	14	NC

## Product Chart

Model	Input Voltage (Vin ±5%)	Output Voltage (Vout ±2%)	Load Current (mA)	Efficiency (%)
D05TD0505T 1W	5 Vdc ±5%	Vout 1: 5 Vdc Vout 2: 5 Vdc	Iout 1: 100mA Iout 2: 100mA	75%
D05TD0505T 2W		Vout 1: 5 Vdc Vout 2: 5 Vdc	Iout 1: 200mA Iout 2: 200mA	72%
D05TD0509T 2W		Vout 1: 5 Vdc Vout 2: 9 Vdc	Iout 1: 200mA Iout 2: 110mA	75%
D05TD0512T 2W		Vout 1: 5 Vdc Vout 2: 12 Vdc	Iout 1: 200mA Iout 2: 83mA	75%
D05TD0524T 2W		Vout 1: 5 Vdc Vout 2: 24 Vdc	Iout 1: 200mA Iout 2: 41mA	78%
D12TD0505T 1W	12 Vdc ±5%	Vout 1: 5 Vdc Vout 2: 5 Vdc	Iout 1: 100mA Iout 2: 100mA	75%
D12TD0505T 2W		Vout 1: 5 Vdc Vout 2: 5 Vdc	Iout 1: 200mA Iout 2: 200mA	72%
D12TD0509T 2W		Vout 1: 5 Vdc Vout 2: 9 Vdc	Iout 1: 200mA Iout 2: 110mA	75%
D12TD0512T 2W		Vout 1: 5 Vdc Vout 2: 12 Vdc	Iout 1: 200mA Iout 2: 83mA	75%
D12TD0524T 2W		Vout 1: 5 Vdc Vout 2: 24 Vdc	Iout 1: 200mA Iout 2: 41mA	78%
D24TD0505T 1W	24 Vdc ±5%	Vout 1: 5 Vdc Vout 2: 5 Vdc	Iout 1: 100mA Iout 2: 100mA	75%
D24TD0505T 2W		Vout 1: 5 Vdc Vout 2: 5 Vdc	Iout 1: 200mA Iout 2: 200mA	72%
D24TD0509T 2W		Vout 1: 5 Vdc Vout 2: 9 Vdc	Iout 1: 200mA Iout 2: 110mA	75%
D24TD0512T 2W		Vout 1: 5 Vdc Vout 2: 12 Vdc	Iout 1: 200mA Iout 2: 83mA	75%
D24TD0524T 2W		Vout 1: 5 Vdc Vout 2: 24 Vdc	Iout 1: 200mA Iout 2: 41mA	78%

\* For 3000V Isolation add Suffix "H3" (Dxx(H3)TDxxxxT)