

Features

- 2WATT SIP PACKAGE
- EFFICIENCY TO 70%
- 100% BURNED IN
- UL 94V-0 PACKAGE MATERIAL
- CUSTOM SOLUTIONS AVAILABLE
- REGULATED OUTPUT TYPES



**2 Watt DC/DC
Converter**

WIDE INPUT VOLTAGE RANGE
2 WATT DC-DC CONVERTER

Input Specifications

Input Voltage	:12Vdc
Input Voltage Range	:9-18Vdc

Output Specifications

Output Voltage	:±5Vdc	
Output Voltage Accuracy	:±3%	@Vout=±4.85-±5.15Vdc@Vin=9-18Vdc
Output Current	:±200mA	
Efficiency	:70% TYP	
Ripple / Noise(Note)	:100mVp-p MAX	@20MHz Bandwidth
Short Circuit Protection	:Continuous	@Automatics recovery
Line Regulation	:±0.5% MAX	@ LL to HL at Full Load
Load Regulation	:±0.8% MAX	@0% to 100%FL

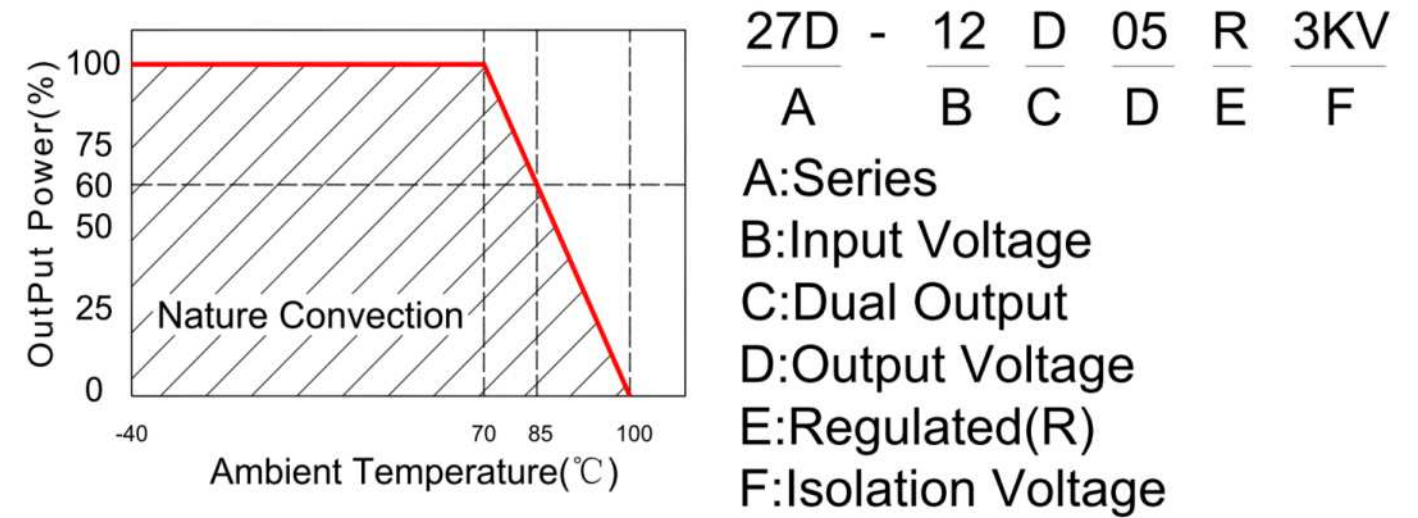
General Specifications

Operating Temperature Range	: -40°C ~ +85°C	
Storage Temperature	: -40°C ~ +100°C	
Switching Frequency	: 100KHz TYP	
Humidity	: 95% MAX	
Isolation Voltage	: 3000Vdc	@Input to Output (2sec/0.5mA)
Isolation Resistance	: 1000MΩ MIN	@ 500Vdc
Cooling	: Free air convection	
MTBF	: >1500000 Hours	MIL-HDBK-217F@25°C, Ground Benign.
Case Material	: DAP	
Weight	: 4.5g TYP	

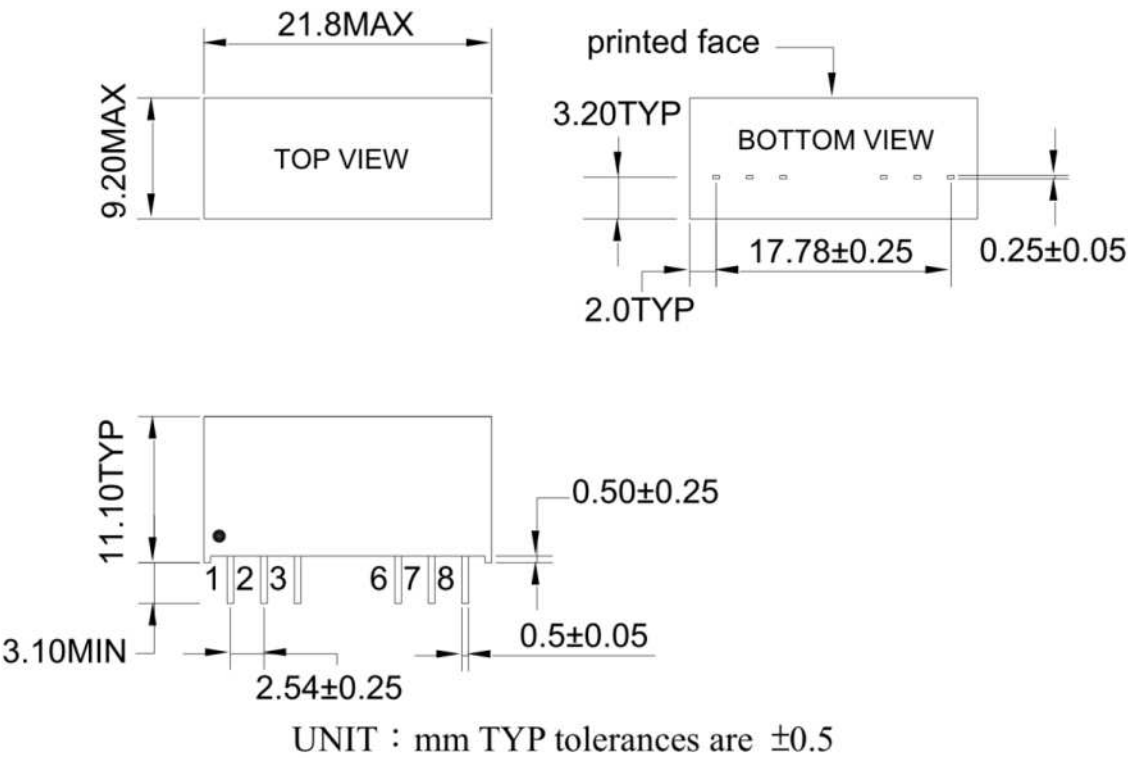
Note. Ripple & noise is measured by using 20 MHz bandwidth, measured with a 47uf paralleled with a high-frequency 0.47uf capacitor across each output by full load.

Temperature Derating Graph

Part Number



Outline Dimensions



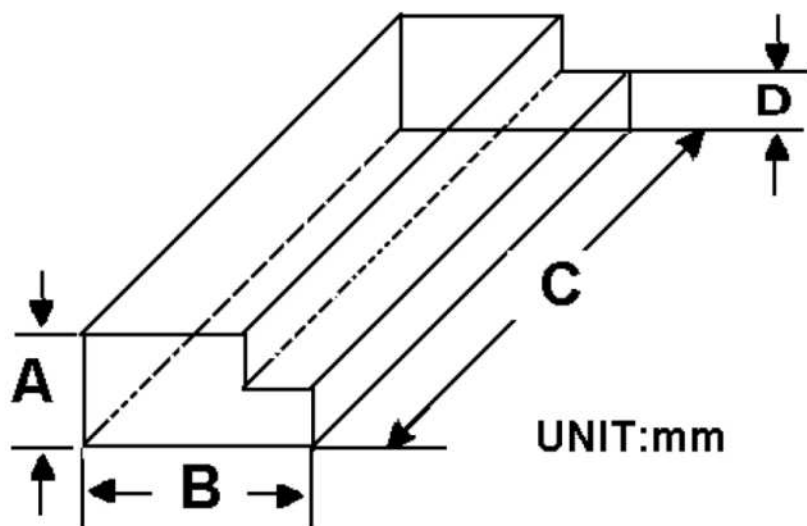
PIN	1	2	3	6	7	8
Dual	-Vin	+Vin	Ctrl	+Vout	COM	-Vout

Packing Information:

Weight----- 4.5grams/pcs

TUBE-----22pcs

Weight: 134.5g per tube



Size(mm)			
A	B	C	D
12.0	28.55	550	6.00

Outer carton unit: 1760pcs/80Tube/box

Weight: 11.8kg per carton

