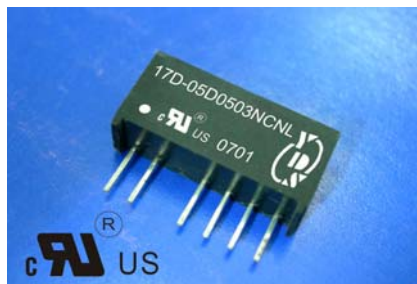




1000Vdc Twin Output 1 Watt Dc-Dc Converter



FEATURES:

- 7PIN SIP Package
- 1000Vdc Isolation
- Unregulated Output Types
- Recognized By UL 1950
- Operating Temperature: -40°C TO +85°C
- MTBF: >2,500,000 hrs



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

Part Number	Output1		Output2		Efficiency
	Voltage (VDC)	Current (mA)	Voltage (VDC)	Current (mA)	%TYP
17D-XXD0503NNL	5	100	3.3	152	70
17D-XXD0505NNL	5	100	5	100	75
17D-XXD0509NNL	5	100	9	56	75
17D-XXD0512NNL	5	100	12	42	75
17D-XXD0515NNL	5	100	15	34	75

Input Specifications

Parameters	Conditions	Min	Typ	Max	Units
Voltage Types				±5	%
Filter	Capacitor				

Output Specifications

Parameters	Conditions	Min	Typ	Max	Units
Voltage Tolerance				±5	%
Short Circuit Protection	Short Term		1 Sec		
Line Regulation	For 1.0% OF Vin		1.2		%
Load Regulation	3.3V & 5V (10% To 100% F.L.)			15	%
Load Regulation	9V, 12V & 15V (10% To 100% F.L.)			10	%
Ripple & Noise	BW=DC To 20MHz			100	mVp-p
Transient response setting time	50% load step change		350		us

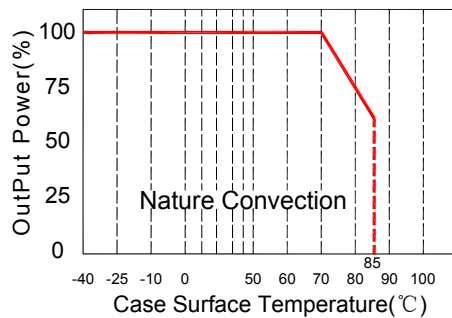
General Specifications

Parameters	Conditions	Min	Typ	Max	Units
Isolation Resistance	500Vdc	1000			MΩ
Switngfrequency			100		KHz
Operating Temperature		-40		+85	°C
Humidity	Non Condensing			95	%
Cooling	Free air Convection				
Case material	DAP				
Weight			2.0		g
Dimensions			19.5x6.0x10.0		mm

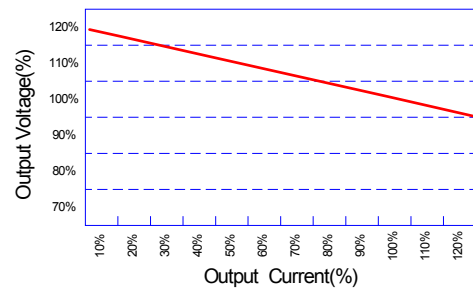


1000Vdc Twin Output 1 Watt Dc-Dc Converter

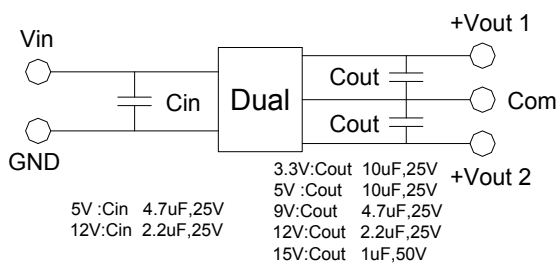
Temperature Derating Graph



Tolerance Envelope Graph



Recommended Test Circuit

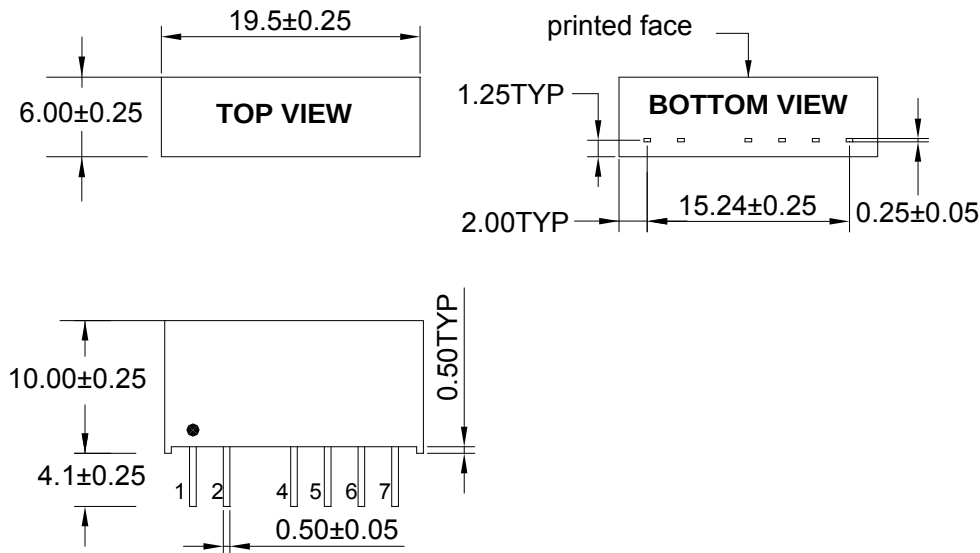


Part Number

17D - 05 D 0503 N C NL
A B C D E F G

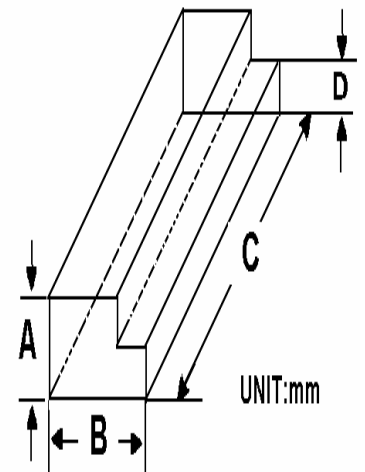
A: Series
B: Input Voltage
C: Dual(D)
D: Output Voltage
E: Unregulated(N)
F: Operating Temperature
G: RoHS Version

Markings and dimensions



UNIT : mm TYP tolerances are ±0.5

Packaging



Size(mm)			
A	B	C	D
9.50	16.50	522	5.00

PIN Connection

PIN	1	2	4	5,6	7
Dual	+Vin	-Vin	+Vout1	Com	+Vou2