

19D/24D – SERIES

1000 VDC DUAL OUTPUT 2 WATT DC-DC CONVERTER

FEATURES

- 7 pin SIP and 14 pin DIL package.
- 1000VDC isolation.
- UL 94V-0 package material



GENERAL SPECIFICATIONS

Output ripple and noise	: 150mVp-p (20MHz B.W.)
Isolation resistance	: 1000MΩ Min @500VDC
Switching frequency	: 75KHz TYP.
Operating temperature	: 0°C to 70°C
Short circuit protection	: Short term
Isolation voltage	: 1000 VDC

ELECTRICAL SPECIFICATIONS

Input voltage range	: ±10%
Output voltage tolerance	: ±5%
Line regulation (10% to 100% F.L.)	: ±1.2% of Vin
Load regulation (10% to 100% F.L.)	
5V output types	: 15% Max
9V,12V and 15V output types	: 10% Max

5V, 12V, 24V Input Types

Part Number	Output Voltage (VDC)	Output Current (mA)	Efficiency (% TYP.)	Package Style
19D-XXD05N	±5	±200	65	1
19D-XXD09N	±9	±111	70	1
19D-XXD12N	±12	±83	70	1
19D-XXD15N	±15	±67	70	1
24D-XXD05N	±5	±200	65	2
24D-XXD09N	±9	±111	70	2
24D-XXD12N	±12	±83	70	2
24D-XXD15N	±15	±67	70	2

PIN CONNECTION

PIN	7 PIN SIP	PIN	14 PIN DIL
1	+INPUT	1	-INPUT
2	-INPUT	7	NC
4	-OUTPUT	8	COMMON
5	COMMON	9	+OUTPUT
6	+OUTPUT	11	-OUTPUT
		14	+INPUT

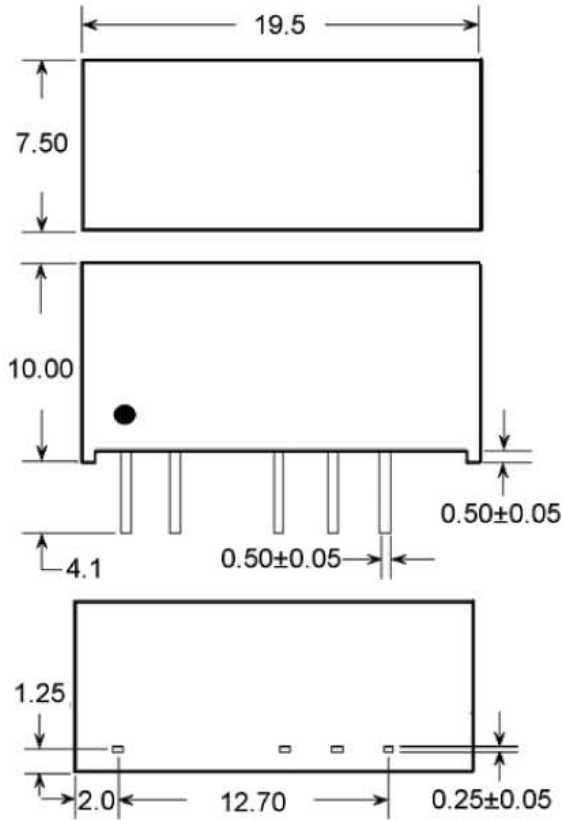
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MARKING AND DIMENSION

Dimensions: inches/mm unless otherwise specified, all tolerances are $\pm 0.05/\pm 0.13$

19D



24D

