

# 11D – SERIES

## 1000 VDC SINGLE OUTPUT 250MWATT DC-DC CONVERTER

### FEATURES

- 4 pin SIP and 8 pin DIL package.
- 1000VDC isolation
- Unregulated output types.
- UL 94V-0 package material.



### GENERAL SPECIFICATIONS

Output ripple (20MHz Band limited)	
Input 3.3V TYP.	: 100mVp-p Max
Input 5V and 12V TYP.	: 100mVp-p Max
Isolation resistance	: 100MΩ Min @500VDC
Switching frequency	: 100KHz TYP.
Operating temperature	: 0°C to 70°C
Efficiency	: 70% TYP
Isolation voltage	: 1000 VDC

### ELECTRICAL SPECIFICATIONS

Input voltage range	: ±5%
Output voltage tolerance	: ±5%
Line regulation (10% to 100% F.L.)	: 1.2%/1% OF Vin
Load regulation (10% to 100% F.L.)	
3.3V and 5V Output types	: 15% Max
9V, 12V and 15V Output types	: 10% Max

#### 3.3V, 5V and 12V Input Types

Part Number.	Output Voltage (VDC)	Output Current (mA)	Efficiency (% TYP.)	Package Style
11D-05S03N1	3.3	76	65	1
11D-XXS05N1	5	50	65	1
11D-XXS09N1	9	28	70	1
11D-XXS12N1	12	21	70	1
11D-XXS15N1	15	16	70	1
11D-05S03N2	3.3	76	65	2
11D-XXS05N2	5	50	65	2
11D-XXS09N2	9	28	70	2
11D-XXS12N2	12	21	70	2
11D-XXS15N2	15	16	70	2

### PIN CONNECTION

PIN	4 PIN	PIN	8 PIN
1	-INPUT	1	-INPUT
2	+INPUT	4	+INPUT
3	-OUTPUT	5	+OUTPUT
4	+OUTPUT	7	-OUTPUT

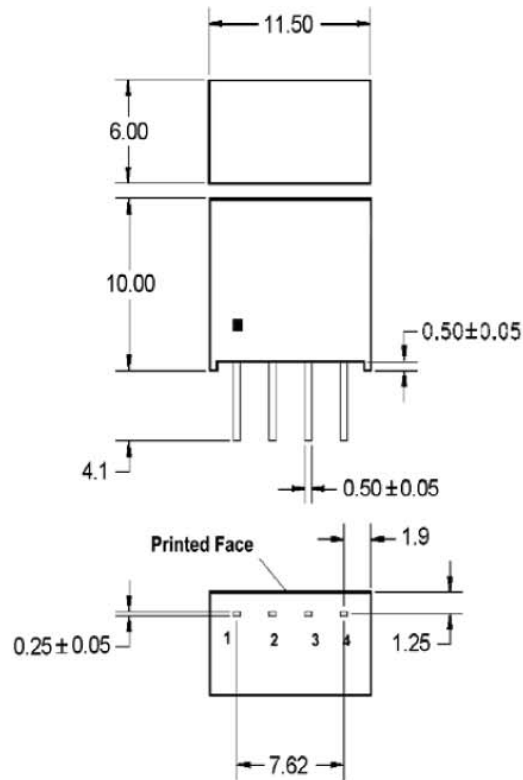
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### MARKING AND DIMENSION

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

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