



42D SERIES

2WATT 2000Vrms ISOLATION 16PIN SMD DC-DC CONVERTER

FEATURES

- UP TO 1.8 WATTS OUTPUT POWER
- 16PIN SMD PACKAGE
- 2000Vrms ISOLATION
- UNREGULATED OUTPUT TYPES



GENERAL SPECIFICATIONS

- OUTPUT RIPPLE & NOISE :100mVp-p(20MHz B.W.)
- ISOLATION RESISTANCE :100MΩ MIN @500VDC
- SWITCHING FREQUENCY :100KHz TYP.
- OPERATING TEMPERATURE :0 °C TO 70°C
- EFFICIENCY(UNREGULATED) :70% TYP
- SHORT CIRCUIT PROTECTION :SHORT TERM

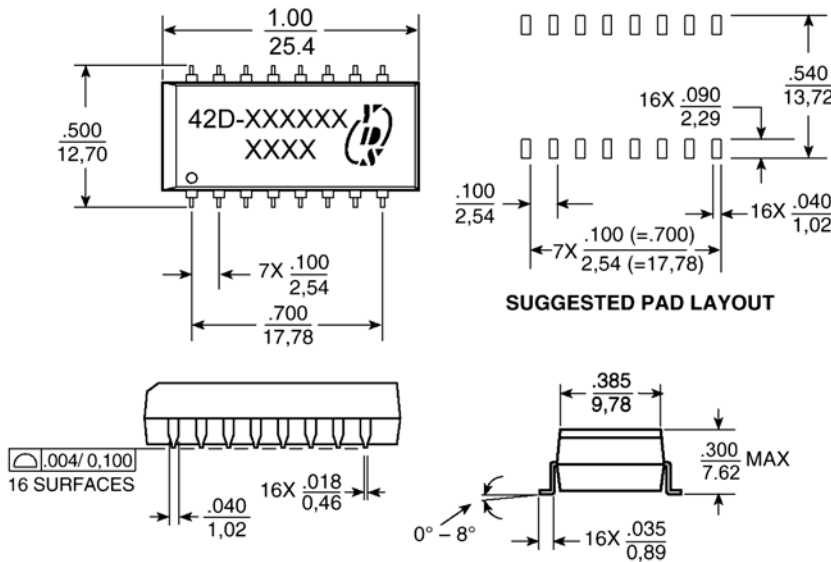
ELECTRICAL SPECIFICATIONS

- INPUT VOLTAGE RANGE :±5%
- OUTPUT VOLTAGE TOLERANCE :±5%
- LINE REGULATION(10% TO 100% F.L.) :±1.2%
- LOAD REGULATION(10% TO 100% F.L.) :±10%

(Typical at nominal input , rated load and 25°C unless otherwise specified)

PART NO.	INPUT VOLTAGE	OUTPUT VOLTAGE	OUTPUT CURRENT	EFFICIENCY(%)
42D-05S05N	5VDC	5VDC	360mA	70
42D-05S09N	5VDC	9VDC	200mA	75
42D-05S12N	5VDC	12VDC	150mA	75
42D-05S15N	5VDC	15VDC	120mA	75
42D-12S05N	12VDC	5VDC	360mA	70
42D-12S09N	12VDC	9VDC	200mA	75
42D-12S12N	12VDC	12VDC	150mA	75
42D-12S15N	12VDC	15VDC	120mA	75

MARKINGS AND DIMENSIONS



PIN CONNECTION

PIN	SINGLE OUTPUT
1	-INPUT
2	N.C
3	+INPUT
7	+OUTPUT
8	-OUTPUT
OTHER	N.C