



DC 600-I SERIES 30 WATT HIGH ISOLATION DC – DC CONVERTERS

FEATURES

- ✦ Full 2:1 for Telecommunication Applications
- ✦ 2000 VDC Isolation
- ✦ Short circuit & Overvoltage Protected
- ✦ Full regulated
- ✦ Low Output Ripple and Noise
- ✦ High Reliability
- ✦ Input / output Isolation

INPUT/OUTPUT SPECIFICATIONS

Input Filter: PI Network

Output voltage Accurse $\pm 3\%$

Line Regulation (Full Load) $\pm 1\%$ max

Load Regulation $\pm 1\%$ max

Temperature Coefficient $\pm .05\%$ °C

Ripple and Noise: 1% pp
(20 uHz Bandwidth)

Minimum Load: 10% of Full Load

Short Circuit Protection: Foldback

GENERAL SPECIFICATIONS

Efficiency 60% to 75%

Isolation Voltage : 2000 Vdc

Isolation Resistance : 1000 Mohm

Operating Temperature -25°C to 70°C

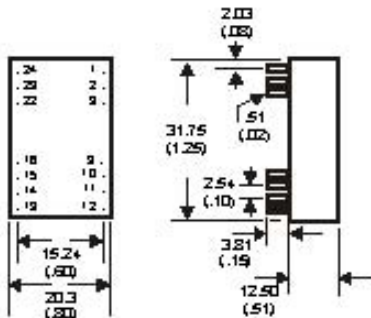
Storage Temperature : -40°C to 105°C

Case Type : Non-Conductive Plastic

Size : 1.25" X .8" X .5"

MODEL NUMBER	INPUT VOLTAGE (VDC)	OUTPUT VOLTAGE (VDC)	OUTPUT CURRENT (mA)
DC-601-I	4.5V - 6V	5V	500 mA
DC-602-I	4.5V - 6V	12V	250 mA
DC-603-I	4.5V - 6V	15V	200 mA
DC-611-I	9V - 18V	5V	500 mA
DC-612-I	9V - 18V	12V	250 mA
DC-613-I	9V - 18V	15V	200 mA
DC-621-I	18V - 36V	5V	500 mA
DC-622-I	18V - 36V	12V	250 mA
DC-623-I	18V - 36V	15V	250 mA
DC-631-I	36V - 72V	5V	500 mA
DC-632-I	36V - 72V	12V	250 mA
DC-633-I	36V - 72V	15V	200 mA

Dimensions: Bottom View



PIN CONNECTION

PIN	FUNCTION
1 & 2	+ VIN
23 & 24	- VIN
11 & 12	+ VOUT
9 & 10	- VOUT
3	ENABLE