



## 36 ~ 40 Watts DIP Type Wide Input DC - DC Converters

### FEATURES

- ◆ 30W~40W DIL Package / Wide Input Range
- ◆ Industry Standard Package 9-18V, 18-36V, 36-72V
- ◆ No External Components required / Remote On/Off And Trim
- ◆ High Efficiency, 100% Burned in / UL94V-0 Package
- ◆ Material Custom Solutions Available

### SPECIFICATIONS

Input Voltage Range.....	See model list
Input Filter.....	Pi Type
Voltage Accuracy.....	± 2% Max.
External Trim Adj.Range.....	± 10%
Transient Response (note 4).....	500uS Max.
Ripple & Noise 20Mhz Bw.....	100mV p-p Max.
Temperature Coefficient.....	± 0.03%/°C
Short Circuit Protection.....	Continuous
Line Regulation (note 1).....	± 0.2%max.
Load Regulation (note 2).....	± 0.5%max.
Efficiency.....	.80% Min.
Isolation Voltage (note 3).....	1500VDC Min.
Isolation Resistance.....	10 <sup>9</sup> ohms Min.
Switching Frequency.....	100KHz Min.
Operating Temperature Range.....	-40°C ~ +71°C
Storage Temperature.....	-55°C ~ +125°C max.
Cooling.....	Free-Air Convection
EMI/RFI.....	EN55022 Class A
Dimensions.....	50.8 X 50.8 X 21 mm
Case Material.....	Six-Side Shielded Case

Note:

1. Measured From High Line to Low Line
2. Load Regulation is for output load current change from 10% to100%
3. For 10 seconds
4. Mil-HDBK-217F at 25°C, ground benign

Model Number	Input Voltage (VDC)	Output Voltage (VDC)	Output Current (mA)	Input Current (mA)		EFF. %
				NoLoad	FullLoad	
D36-12	9-18	12	3000	3650	40	82
D36-19	9-18	24	1500	3640	40	82
D36-22	18-36	12	3000	1820	18	82
D36-23	18-36	15	2400	1810	18	83
D36-32	36-72	12	3000	910	9	82
D36-33	36-72	15	2400	902	9	83
D40-25	18-36	±12	±1650	1960	18	85
D40-26	18-36	±15	±1300	1960	18	83
D40-29	18-36	24	1667	1950	18	85
D40-35	36-72	±12	±1650	980	9	85
D40-36	36-72	±15	±1300	980	9	83
D40-39	36-72	24	1667	976	9	85

DC/DC Converter

### MECHANICAL DRAWING (Unit: mm[inch])

