

TECHNICAL DATA
DATA SHEET 1234, REV. -**DC-DC Converters**
Wide Input (2:1), 500V Isolation, Regulated, Dual Output**FEATURES:**

- Isolation Voltage: 500Vdc
- Isolation Resistance (1): >10MW
- Short-Circuit Duration: Continuous
- Max. Temperature Rise: +85° C
- Cooling Method: Free-Air Cooling
- Operating Temp.: -25° C ~ + 70° C
- Storage Temp.: -40° C ~ + 105° C
- Humidity: $\leq$ 90%
- Soldering Temp. (2): 300° C
- Case Material: Non-Flammable Material (UL94-V0)
- Mean Time Before Failure: > 200,000 hours (Operating Temp. 25° C)

W-15W Dual Output Series Input Characteristics

Part Number	Nominal Input Voltage	Input Voltage Range	Maximum Input Voltage*
W12XXGD15	12Vdc	9~18Vdc	22Vdc
W24XXGD15	24Vdc	18~36Vdc	40Vdc
W48XXGD15	48Vdc	36~72Vdc	80Vdc

* Voltage above this value may cause permanent damage to the device.

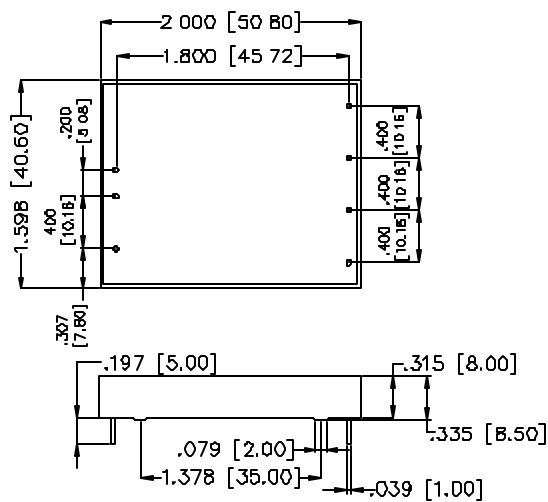
W-15W Dual Output Series Output Characteristics

Parameter	MIN	TYP	MAX	Units
Output Power	-	-	15	W
Output Voltage Accuracy	-	± 1	± 3	%
Load Regulation	-		± 0.5	%
Temperature Coefficient	-		± 0.02	%/°C
Ripple & Noise	50	-	100	mVp-p
Switching Frequency at 100% Load	-	-	300	kHz

1. All specifications at TA=25°C, 75% of the humidity, Nominal input voltage, full output load unless otherwise specified.
2. Soldering for 10 seconds at 1.5mm away from the edge.

TECHNICAL DATA
DATA SHEET 1234, REV. -**W-15W Dual Output Series Part Number List**

Input	Output	Power	Ripple & Noise	Efficiency	Dual-15W
12Vdc	± 5V/300mA	15W	50 mVp-p	80 %	W1205GD15
	± 12V/125mA		100 mVp-p	82 %	W1212GD15
	± 15V/100mA		100 mVp-p	82 %	W1215GD15
24Vdc	± 5V/300mA		50 mVp-p	80 %	W2405GD15
	± 12V/125mA		100 mVp-p	83 %	W2412GD15
	± 15V/100mA		100 mVp-p	83 %	W2415GD15
48Vdc	± 5V/150mA		50 mVp-p	81 %	W4805GD15
	± 12V/62.5mA		100 mVp-p	84 %	W4812GD15
	± 15V/50mA		100 mVp-p	84 %	W4815GD15

Mechanical Dimensions: in inch (mm)**WxxyyGD15 PACKAGE DIMENTIONS****PIN CONFIGURATION**

Pin	Function
	WxxyyGD15
1	+Vin
2	-Vin
3	CTL
4	TRM
5	-Vout
6	COM
7	+Vout