

LW Series Wide Range Input Regulated Single/Dual Output 10.0W ~ 25.0W



- DIP Metal Case Package 9.0~18.0V or 18.0~36.0V Wide Range Input
- Output Power Rate From 10.0W To 25.0W Available
- No Heat Sink Required
- Internal SMD Construction
- No External Components Required
- Remote On/Off Control (Option)

Selection Guide

Input Voltage Vdc	Output Voltage Vdc	Output Current (mA)			Ripplr Noise mV	Series Number Selector Guide	Rremarks
		10.0W	20.0W	25.0W			
9.0~18.0V (12.0V)	5.00	2000.00	4000.00	5000.00	80.00	LWD-24050-20L L : Case Type W : Wide Range Input D : Dual Output 24 : Input Voltage (18V~36V) 05 : Output Voltage 0 : Revision Code (0..9..A..Z) 20 : Output Power Rate L : Leadfree Process	Customer And Special Design On Request
	12.00	833.00	1666.00	2083.00	80.00		
	15.00	666.00	1333.00	1666.00	100.00		
	24.00	416.00	833.00	1041.00	120.00		
18.0~36.0V (24.0V)	±5.00	±1000.00	±2000.00	±2500.00	150.00		
	±12.00	±416.00	±833.00	±1041.00	±80.00		
	±15.00	±333.00	±666.00	±520.00	±100.00		

Specifications All Specification Are Typical Nominal Line, Full Load And 25°C Unless Otherwise Notes.

General Characteristics					
Parameter	Conditions	Min.	Typ.	Max.	Units
Isolation Voltage	60 Seconds	1000	-----	-----	VDC
Isolation Resistance	500VDC	1000	-----	-----	Mohm
Isolation Capacitance	100MHz, 1V	-----	80	160	pF
Switching Frequency		80	250	350	KHz
MTBF MIL-HDBK-217F @25°C		0.6	-----	-----	MHrs
Absolute Maximum Ratings					
Parameter		Min.	Max.	Units	
Input Surge Voltage (1000ms)	5VDC Input Models	-0.7	16.0	VDC	
	12VDC Input Models	-0.7	25.0	VDC	
	24VDC Input Models	-0.7	40.0	VDC	
Wave Reflow Soldering Temperature		10 Sec. 265°C Max.			

Environmental Characteristics					
Parameter	Conditions	Min.	Max.	Units	
Operating Temperature	Ambient	-40	+65	°C	
Storage Temperature		-40	+125	°C	
Humidity		-----	95	%	
Cooling	Free-Air Convection				
Output Characteristics					
Parameter	Conditions	Min.	Typ.	Max.	Units
Line Regulation	For 1% Of Vin	-----	-----	±0.5	%
Load Regulation	20% To 100%	-----	-----	±0.5	%
Out put Volt Balance	Dual Out only	-----	±1.0	±1.2	%
Out put Volt Accuracy		-----	-----	±3.0	%
Short Circuit	Continuous Auto recovery				

Remote On/Off control (Option) : On/Under 0.6Vdc or Open Circuit / Off/Min. 2.7Vdc Max.15Vdc

Dimensions And Pinout (Unit : mm[inch]±/0.15mm)

