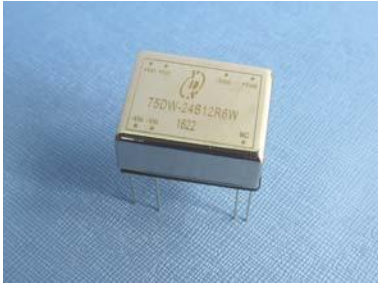


Wide Input Voltage Range 6 Watt Dc-Dc Converter



FEATURES:

- 4:1 Wide Input Voltage.
- 6 Watt 24PIN DIL Package.
- Efficiency To 85%
- 1500Vdc Isolation
- MTBF:>1,500,000 hrs
- Operating Temperature:-40°C TO +85°C



Specifications typical at TA=25°C, nominal input voltage and rated output current unless otherwise specified

Part Number	Input Voltage Vdc	Output Voltage Vdc	Output Current mA	Input Current		Efficiency %TYP
				NO LOAD mA	FULL LOAD mA	
75DW-24S05R6W	9-36	5	1200	6.5	313	80
75DW-24S12R6W	9-36	12	500	6.5	294	85
75DW-24S15R6W	9-36	15	400	6.5	294	85
75DW-24S24R6W	9-36	24	250	6.5	294	85
75DW-24D05R6W	9-36	±5	±600	8	313	80
75DW-24D12R6W	9-36	±12	±250	8	298	84
75DW-24D15R6W	9-36	±15	±200	8	298	84
75DW-48S05R6W	18-75	5	1200	3	160	78
75DW-48S12R6W	18-75	12	500	3	156	80
75DW-48S15R6W	18-75	15	400	3	156	80
75DW-48S24R6W	18-75	24	250	3	156	80
75DW-48D05R6W	18-75	±5	±600	4	160	78
75DW-48D12R6W	18-75	±12	±250	4	156	80
75DW-48D15R6W	18-75	±15	±200	4	156	80

Input Specifications

Parameters	Conditions	Min	Typ	Max	Units
Voltage Types				4:1	
Filter	Capacitor				

Output Specifications

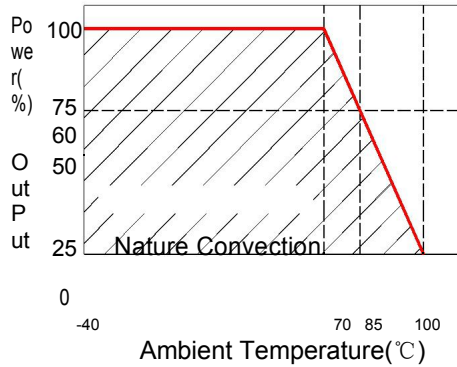
Parameters	Conditions	Min	Typ	Max	Units
Voltage Tolerance				±2	%
Short Circuit Protection	Continuous				
Line Regulation				±0.5	%
Load Regulation	Single (F.L To 10% Load)			±0.8	%
Load Regulation	Dual (F.L To 10% Load)			±1.0	%
Ripple & Noise	BW=DC To 20MHz			100	mVp-p
Transient response setting time	50% load step change		350		us

General Specifications

Parameters	Conditions	Min	Typ	Max	Units
Isolation Resistance	500Vdc	1000			MΩ
Switching Frequency			200		KHz
Operating Temperature		-40		85	°C
Humidity	Non Condensing			95	%
Cooling	Free air Convection				
Case material	Nickel Coated Copper With Non-Conductive Base				
Weight			11.8		g
Dimensions			25.7x20.6x10.3		mm

Wide Input Voltage Range 6 Watt Dc-Dc Converter

Temperature Derating Graph



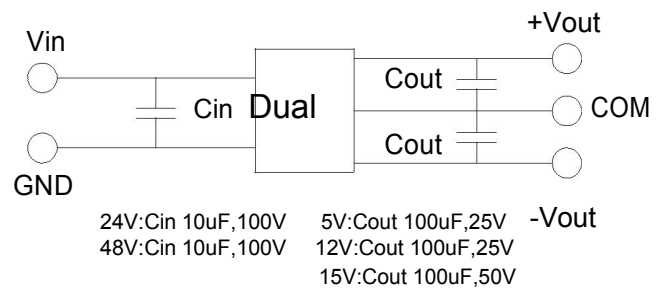
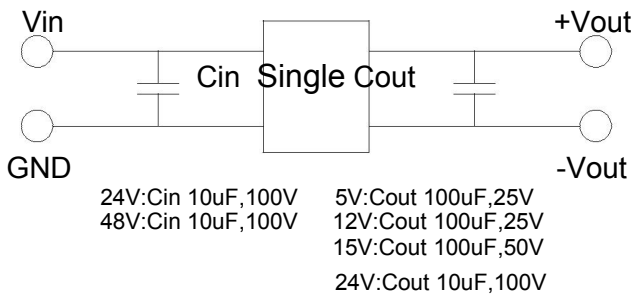
Part Number

75DW - 24 S 12 R 6W

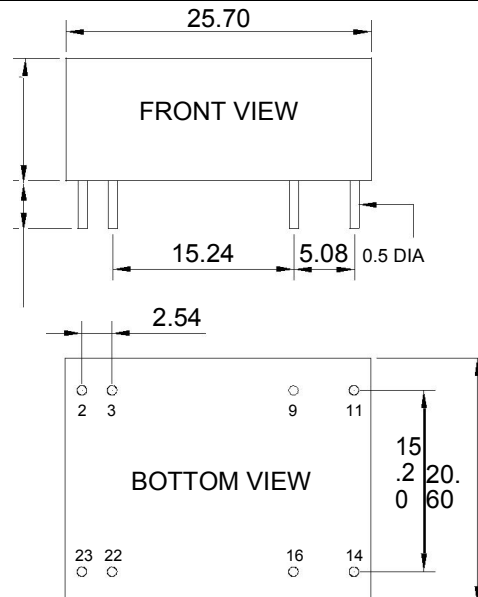
A B C D E F

- A:Series
- B:Input Voltage
- C:Single Output
- D:Output Voltage
- E:Regulated(R)
- F:Output Power

Recommended Test Circuit



Markings and dimensions



UNIT: mm Unless otherwise specified, all tolerances are ± 0.25

PIN Connection

PIN	2.3	9	11	14	16	22.23
SINGLE	-Vin	NO PIN	NC	+Vout	-Vout	+Vin
DUAL	-Vin	COM	-Vout	+Vout	COM	+Vin