

DCW05C-12 - 5W DC-DC Regulated Dual Output Converter

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Standards



Case Details

31.8 x 20.3 x 12.2mm

General Specifications

DC current	Full load. A: 586mA, B:286mA, C:139mA No load. A: 41mA, B:21mA, C:12mA
Filter	Pi network
Line regulation	±0.5%
Load regulation	±0.5%
Voltage accuracy	±2%
Switching frequency	50Khz min.
Over load protection	150 ~ 250% rated output power Protection type: Shut down o/p voltage, re-power on to recover
Short circuit portection	All output equipped with over current protection Protection type: Shut down o/p voltage, re-power on to recover
Working temp.	-25~+71°C (refer to output load derating curve)
Working humidity	20% ~ 90% RH non-condensing
Storage temp., humidity	-25~+105°C, 10 ~ 95% RH
Temp. coefficient	±0.03% /°C (0~50°C)
Vibration	10 ~ 500Hz, 2G 10 min. /1cycle, period for 60 min. each along X, Y, Z axes
MTBF	900khrs min. MIL-HDBK-217F (25°C)
Withstand voltage	I/P-O/P:1KVDC
Isolation resistance	I/P-O/P: 100M Ohms / 500VDC
Isolation capacitance	80pF max.

Output Data

DC voltage	Current range	Rated power	R & N (max)	Voltage range	Efficiency (typ)
±12V	±23 ~ ±230mA	5.5W	60mVp-p	36 ~ 72VDC	83%

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