



Features :

- 2:1 wide input range
- 1500VDC I/O isolation
- Built-in remote ON/OFF control
- · Built-in EMI filter
- · Protections: Short circuit / Overload
- · Cooling by free air convection
- · Five-sided shield metal case
- 100% full load burn-in test
- · Low cost / High reliability
- 2 years warranty

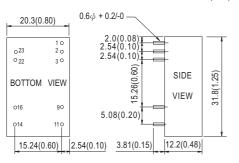
SPECIFICATION

FC CE

ORDER NO.		DCW12A-05	DCW12B-05	DCW12C-05	DCW12A-12	DCW12B-12	DCW12C-12	DCW12A-15	DCW12B-15	DCW12C-15
DC VOLTAGE		±5V			±12V			±15V		
ОИТРИТ	CURRENT RANGE	±240 ~ ±1200mA			±100~ ±500mA			±80 ~ ±400mA		
	RATED POWER	12W								
	RIPPLE & NOISE (max.) Note.2	50mVp-p			60mVp-p			60mVp-p		
	LINE REGULATION Note.3	±0.5%								
	LOAD REGULATION Note.4	±0.5%								
	VOLTAGE ACCURACY	±2.0%								
	SWITCHING FREQUENCY	400KHz min.								
INPUT	VOLTAGE RANGE	A: 9 ~ 18VDC B: 18 ~ 36VDC C: 36 ~ 72VDC								
	EFFICIENCY (Typ.)	80%	80%	81%	84%	84%	84%	83%	84%	83%
	DC CURRENT	Full load A: 1245mA B: 625mA C: 320mA								
	DC CORRENT	No load A: 70mA B: 35mA C: 25mA								
	FILTER	Pi network								
	PROTECTION	Fuse recommended								
PROTECTION Note.5	OVERLOAD	110 ~ 180% rated output load								
	0.121(20)(3	Protection type: Hiccup mode, recovers automatically after fault condition is removed								
	SHORT CIRCUIT	All output equipped with over current protection								
		Protection type : Hiccup mode, recovers automatically after fault condition is removed								
ENVIRONMENT	WORKING TEMP.	-40 ~ +71°C (refer to output load derating curve)								
	WORKING HUMIDITY	20% ~ 90% RH non-condensing								
	STORAGE TEMP., HUMIDITY	-40 ~ +105℃, 10 ~ 95% RH								
	TEMP. COEFFICIENT	±0.05% / °C (0 ~ 50°C)								
	VIBRATION	10 ~ 500Hz, 2G 10min./1cycle, period for 60min. each along X, Y, Z axes								
SAFETY & EMC	WITHSTAND VOLTAGE	I/P-O/P:1.5KVDC								
	ISOLATION RESISTANCE	I/P-O/P: 100M Ohms / 500VDC / 25°C/ 70% RH								
	ISOLATION CAPACITANCE	2200pF max.								
	EMC EMISSION	Compliance to EN55022 Class A, FCC part 15 Class A								
	EMC IMMUNITY	Compliance to EN61000-4-2,3,4,5,6,8, light industry level, criteria A								
OTHERS	REMOTE CONTROL	Power ON: R.C. ~ -Vin > 4VDC or open; Power OFF: R.C. ~ -Vin < 1VDC or short								
	MTBF	600Khrs min. MIL-HDBK-217F (25°C)								
	DIMENSION	31.8*20.3*12.2mm (L*W*H) or 1.25"*0.80"*0.48" inch (L*W*H)								
	PACKING	18.5g								

■ Mechanical Specification

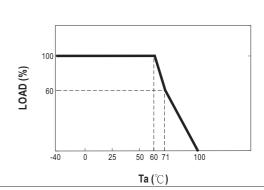
Unit:mm(inch)



■ Pin Configuration

Pin No.	Output					
1	R.C.					
2 & 3	-Vin					
9	COM					
11	-Vout					
14	+Vout					
16	COM					
22 & 23	+Vin					

■ Derating Curve



NOTE

- 2. Ripple & noise are measured at 20MHz by using a 12" twisted pair terminated with a 0.1 uf & 47 uf capacitor.
- 3.Line regulation is measured from low line to high line at rated load.
- 4.Load regulation is measured from 20% to 100% rated load.
- 5.Please prevent the converter from operating in overload or short circuit condition for more than 30 seconds.

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for Isolated DC/DC Converters category:

Click to view products by Mean Well manufacturer:

Other Similar products are found below:

ESM6D044440C05AAQ FMD15.24G PSL486-7LR PSR152.5-7IR Q48T30020-NBB0 AVO240-48S12B-6L AVO250-48S28B-6L NAN-0505 HW-L16D JAHW100Y1 217-1617-001 22827 SPB05C-12 SQ24S15033-PS0S 18952 19-130041 CE-1003 CE-1004 GQ2541-7R PSE1000DCDC-12V RDS180245 MAU228 419-2065-201 449-2075-101 J80-0041NL V300C24C150BG 419-2062-200 419-2063-401 419-2067-101 419-2067-501 419-2068-001 DCG40-5G DFC15U48D15 449-2067-000 XGS-0512 XGS-1205 XGS-1212 XGS-2412 XGS-2415 XKS-1215 033456 NCT1000N040R050B SPB05B-15 SPB05C-15 SSQE48T25025-NAA0G L-DA20 HP3040-9RG HP1001-9RTG NVD0.4YJJ-M6G XKS-2415