



Наличие и актуальные цены на

DCW05C-15

<https://www.mean-well.ru/store/DCW05C-15/>



■ Features :

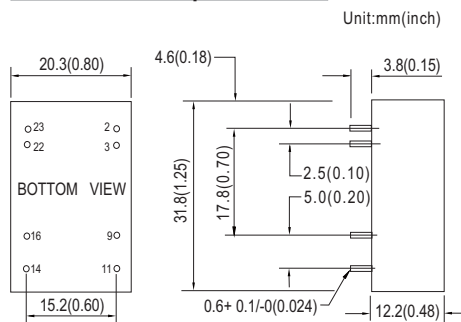
- 2:1 wide input range
- 4:1 wide input range(option)
- 1000VDC I/O isolation
- 3000VDC I/O isolation(option)
- Built-in EMI filter
- Protections: Short circuit / Overload
- Cooling by free air convection
- Five-sided shield metal case
- 100% burn-in test
- Low cost / High reliability
- Approvals: FCC / CE
- 2 years warranty



SPECIFICATION

| ORDER NO. | DCW05A-05 | DCW05B-05 | DCW05C-05 | DCW05A-12 | DCW05B-12 | DCW05C-12 | DCW05A-15 | DCW05B-15 | DCW05C-15 | |
|------------------------|------------------------------|--|-----------|-----------|--------------|-----------|-----------|--------------|-----------|-----|
| OUTPUT | DC VOLTAGE | ±5V | | | ±12V | | | ±15V | | |
| | CURRENT RANGE | ±100 ~ ±500mA | | | ±46 ~ ±230mA | | | ±38 ~ ±190mA | | |
| | RATED POWER | 5W | | | 5.5W | | | 5.7W | | |
| | 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 | 50KHz min. | | | | | | | | |
| INPUT | VOLTAGE RANGE | A: 9 ~ 18VDC B: 18 ~ 36VDC C: 36 ~ 72VDC | | | | | | | | |
| | EFFICIENCY (Typ.) | 75% | 77% | 77% | 80% | 82% | 83% | 81% | 83% | 85% |
| | DC CURRENT | Full load A: 586mA B: 286mA C: 139mA | | | | | | | | |
| | | No load A: 41mA B: 21mA C: 12mA | | | | | | | | |
| | FILTER | Pi network | | | | | | | | |
| PROTECTION | Fuse recommended | | | | | | | | | |
| PROTECTION | OVERLOAD | 150 ~ 250% rated output load | | | | | | | | |
| | | Protection type : Shunt down o/p voltage, re-power on to recover | | | | | | | | |
| PROTECTION | SHORT CIRCUIT | All output equipped with over current protection | | | | | | | | |
| | | Protection type : Shun down o/p voltage, re-power on to recover | | | | | | | | |
| ENVIRONMENT | WORKING TEMP. | -40 ~ +71°C (Refer to "Derating Curve") | | | | | | | | |
| | WORKING HUMIDITY | 20% ~ 90% RH non-condensing | | | | | | | | |
| | STORAGE TEMP., HUMIDITY | -40 ~ +105°C, 10 ~ 95% RH | | | | | | | | |
| | TEMP. COEFFICIENT | ±0.03% / °C (0 ~ 50°C) | | | | | | | | |
| | VIBRATION | 10 ~ 500Hz, 2G 10min./1cycle, period for 60min. each along X, Y, Z axes | | | | | | | | |
| SAFETY & EMC (Note. 5) | SAFETY STANDARDS | EAC TP TC 004 approved | | | | | | | | |
| | WITHSTAND VOLTAGE | I/P-O/P:1KVDC | | | | | | | | |
| | ISOLATION RESISTANCE | I/P-O/P: 100M Ohms / 500VDC / 25°C / 70% RH | | | | | | | | |
| | ISOLATION CAPACITANCE | 80pF max. | | | | | | | | |
| | EMC EMISSION | Compliance to EN55032 Class B, FCC part 15 Class B, EAC TP TC 020 | | | | | | | | |
| | EMC IMMUNITY | Compliance to EN61000-4-2,3,4,5,6,8, light industry level, criteria A, EAC TP TC 020 | | | | | | | | |
| OTHERS | MTBF | 900khrs 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 | 15g | | | | | | | | |

■ Mechanical Specification

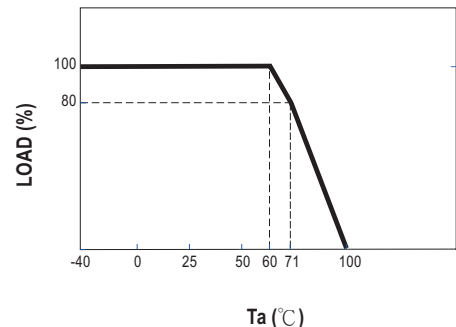


Pin Size is Tolerance 0.5±0.05mm, Tolerance .X or .XX= ±0.5mm

■ Pin Configuration

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

■ Derating Curve



NOTE

- 1.All parameters are specified at normal input, rated load, 25°C 70% RH ambient.
- 2.Ripple & noise are measured at 20MHz by using a 12" twisted pair terminated with a 0.1uf & 47uf 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.The power supply is considered a component which will be installed into a final equipment. The final equipment must be re-confirmed that it still meets EMC directives.