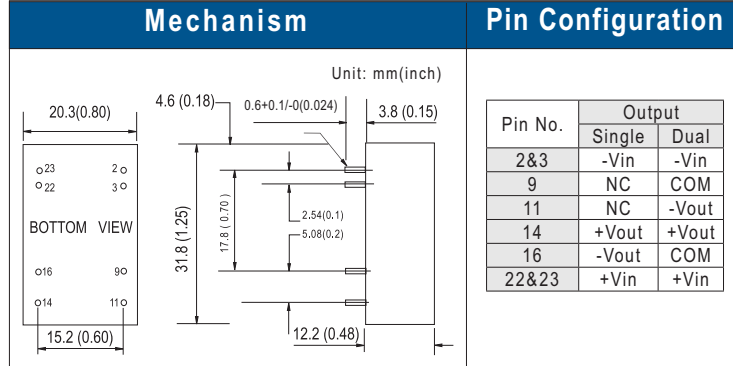


## 5~6W DC-DC Regulated Single and Dual Output



1.25"x 0.8"x 0.48"

- 2:1 wide input range
- 4:1 wide input range(option)
- 1000VDC I/O isolation
- 3000VDC I/O isolation(option)
- Built-in EMI filter
- Protection: 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



|                            |  |
|----------------------------|--|
| Voltage set point accuracy | ±2% (max.)   |
| Line regulation            | ±0.5% (max.)   |
| Load regulation            | ±0.5% (max.)@20~100% load                            |
| Efficiency                 | 85% (typical)  |
| Short circuit protection   | continuous, auto-recovery                            |
| Overload protection        | 150%~250%, auto-recovery                             |
| I/O isolation voltage      | 1000VDC (min.)                                       |
| I/O isolation resistance   | 100MΩ (min.)@ 500VDC                                 |
| Isolation capacitance      | 80pF (max.)  |
| Working temperature        | -25°C to +60°C (no derating),<br>+71°C@80% load      |
| Storage temperature        | -25°C to +105°C                                      |
| Temp. Coefficient          | ±0.03% / °C (max.)                                   |
| Case material              | Five-sided shield metal case                         |
| EMI                        | Compliance to EN55022 Class B,<br>FCC part15 Class B |

### ❖ Single Output

| Model No. | Input (VDC) | Output (VDC) | Current (mA) | R&N (mVp-p) |
|-----------|-------------|--------------|--------------|-------------|
| SCW05A-05 | 9~18        | 5            | 1000         | 50          |
| SCW05A-09 | 9~18        | 9            | 556          | 60          |
| SCW05A-12 | 9~18        | 12           | 470          | 60          |
| SCW05A-15 | 9~18        | 15           | 400          | 60          |
| SCW05B-05 | 18~36       | 5            | 1000         | 50          |
| SCW05B-09 | 18~36       | 9            | 556          | 60          |
| SCW05B-12 | 18~36       | 12           | 470          | 60          |
| SCW05B-15 | 18~36       | 15           | 400          | 60          |
| SCW05C-05 | 36~72       | 5            | 1000         | 50          |
| SCW05C-09 | 36~72       | 9            | 556          | 60          |
| SCW05C-12 | 36~72       | 12           | 470          | 60          |
| SCW05C-15 | 36~72       | 15           | 400          | 60          |

### ❖ Dual Output

| Model No. | Input (VDC) | Output (VDC) | Current (mA) | R&N (mVp-p) |
|-----------|-------------|--------------|--------------|-------------|
| DCW05A-05 | 9~18        | ±5           | ±500         | 50          |
| DCW05A-12 | 9~18        | ±12          | ±230         | 60          |
| DCW05A-15 | 9~18        | ±15          | ±190         | 60          |
| DCW05B-05 | 18~36       | ±5           | ±500         | 50          |
| DCW05B-12 | 18~36       | ±12          | ±230         | 60          |
| DCW05B-15 | 18~36       | ±15          | ±190         | 60          |
| DCW05C-05 | 36~72       | ±5           | ±500         | 50          |
| DCW05C-12 | 36~72       | ±12          | ±230         | 60          |
| DCW05C-15 | 36~72       | ±15          | ±190         | 60          |