



Наличие и актуальные цены на

**SLW05A-12**

<https://www.mean-well.ru/store/SLW05A-12/>



#### ■ Features :

- 2:1 wide input range
- 4:1 wide input range(option)
- 1500VDC I/O isolation
- 3000VDC I/O isolation(option)
- Built-in EMI filter
- Protections: Short circuit / Overload
- Cooling by free air convection
- Six-sided shield metal case
- 100% burn-in test
- Low cost / High reliability
- Approvals: FCC / EAC / CE / UKCA
- 2 years warranty

#### ■ GTIN CODE

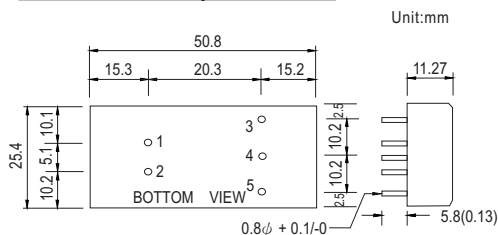
MW Search: <https://www.meanwell.com/serviceGTIN.aspx>



#### SPECIFICATION

| ORDER NO.               |                                             | SLW05A-05                                                                                                                        | SLW05B-05                      | SLW05C-05 | SLW05A-09    | SLW05B-09 | SLW05C-09 | SLW05A-12    | SLW05B-12 | SLW05C-12 | SLW05A-15    | SLW05B-15 | SLW05C-15 |
|-------------------------|---------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|--------------------------------|-----------|--------------|-----------|-----------|--------------|-----------|-----------|--------------|-----------|-----------|
| OUTPUT                  | DC VOLTAGE                                  | 5V                                                                                                                               |                                |           | 9V           |           |           | 12V          |           |           | 15V          |           |           |
|                         | CURRENT RANGE                               | 100 ~ 1000mA                                                                                                                     |                                |           | 55.6 ~ 556mA |           |           | 41.7 ~ 417mA |           |           | 33.3 ~ 333mA |           |           |
|                         | RATED POWER                                 | 5W                                                                                                                               |                                |           |              |           |           |              |           |           |              |           |           |
|                         | VOLTAGE ACCURACY                            | ±2.0%                                                                                                                            |                                |           |              |           |           |              |           |           |              |           |           |
|                         | RIPPLE & NOISE (max.) <small>Note.2</small> | 50mVp-p                                                                                                                          |                                |           | 60mVp-p      |           |           | 60mVp-p      |           |           | 60mVp-p      |           |           |
|                         | LINE REGULATION <small>Note.3</small>       | ±0.2%                                                                                                                            |                                |           |              |           |           |              |           |           |              |           |           |
|                         | LOAD REGULATION <small>Note.4</small>       | ±0.5%                                                                                                                            |                                |           |              |           |           |              |           |           |              |           |           |
| SWITCHING FREQUENCY     |                                             | 50KHz min.                                                                                                                       |                                |           |              |           |           |              |           |           |              |           |           |
| INPUT                   | VOLTAGE RANGE                               | A: 9 ~ 18VDC   B: 18 ~ 36VDC   C: 36 ~ 72VDC                                                                                     |                                |           |              |           |           |              |           |           |              |           |           |
|                         | EFFICIENCY (Typ.)                           | 75%                                                                                                                              | 77%                            | 77%       | 80%          | 80%       | 83%       | 80%          | 80%       | 83%       | 81%          | 81%       | 85%       |
|                         | DC CURRENT                                  | Full load                                                                                                                        | A: 556mA   B: 270mA   C: 135mA |           |              |           |           |              |           |           |              |           |           |
|                         |                                             | No load                                                                                                                          | A: 33mA   B: 16mA   C: 10mA    |           |              |           |           |              |           |           |              |           |           |
|                         | FILTER                                      | Pi network                                                                                                                       |                                |           |              |           |           |              |           |           |              |           |           |
| PROTECTION              |                                             | Fuse recommended                                                                                                                 |                                |           |              |           |           |              |           |           |              |           |           |
| PROTECTION<br>(Note. 5) | OVER CURRENT                                | 160 ~ 250% rated output power<br>Protection type : Hiccup mode, recovers automatically after fault condition is removed          |                                |           |              |           |           |              |           |           |              |           |           |
|                         | SHORT CIRCUIT                               | All output equipped with short circuit<br>Protection type : Hiccup mode, recovers automatically after fault condition is removed |                                |           |              |           |           |              |           |           |              |           |           |
| ENVIRONMENT             | WORKING TEMP.                               | -25 ~ +71℃ (Refer to "Derating Curve")                                                                                           |                                |           |              |           |           |              |           |           |              |           |           |
|                         | WORKING HUMIDITY                            | 20% ~ 90% RH non-condensing                                                                                                      |                                |           |              |           |           |              |           |           |              |           |           |
|                         | STORAGE TEMP., HUMIDITY                     | -25 ~ +105℃, 10 ~ 95% RH                                                                                                         |                                |           |              |           |           |              |           |           |              |           |           |
|                         | TEMP. COEFFICIENT                           | ±0.03% / ℃ (0 ~ 50℃)                                                                                                             |                                |           |              |           |           |              |           |           |              |           |           |
|                         | VIBRATION                                   | 10 ~ 500Hz, 2G 10min./1cycle, period for 60min. each along X, Y, Z axes                                                          |                                |           |              |           |           |              |           |           |              |           |           |
| SAFETY & EMC            | SAFETY STANDARDS                            | EAC TP TC 020/2011 approved                                                                                                      |                                |           |              |           |           |              |           |           |              |           |           |
|                         | WITHSTAND VOLTAGE                           | I/P-O/P:1.5KVDC                                                                                                                  |                                |           |              |           |           |              |           |           |              |           |           |
|                         | ISOLATION RESISTANCE                        | I/P-O/P: 100M Ohms / 500VDC / 25℃ / 70% RH                                                                                       |                                |           |              |           |           |              |           |           |              |           |           |
|                         | EMC EMISSION                                | Compliance to BS EN/EN55032 Class B, FCC part 15 Class B, EAC TP TC 020                                                          |                                |           |              |           |           |              |           |           |              |           |           |
|                         | EMC IMMUNITY                                | Compliance to BS EN/EN61000-4-2,3,4,5,6,8, light industry level, criteria A, EAC TP TC 020                                       |                                |           |              |           |           |              |           |           |              |           |           |
| OTHERS                  | MTBF                                        | 800khrs min. MIL-HDBK-217F(25℃)                                                                                                  |                                |           |              |           |           |              |           |           |              |           |           |
|                         | DIMENSION                                   | 50.8*25.4*11.27mm or 2**1**0.44" inch (L*W*H)                                                                                    |                                |           |              |           |           |              |           |           |              |           |           |
|                         | PACKING                                     | 31.2g ; 10pcs/per tube, 400pcs/40 tube/per carton                                                                                |                                |           |              |           |           |              |           |           |              |           |           |

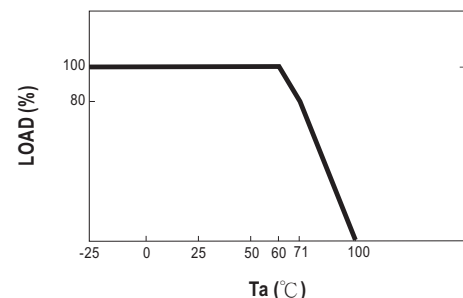
#### ■ Mechanical Specification



#### ■ Pin Configuration

| Pin no. | Output Single |
|---------|---------------|
| 1       | +Vin          |
| 2       | -Vin          |
| 3       | +Vout         |
| 4       | No Pin        |
| 5       | -Vout         |

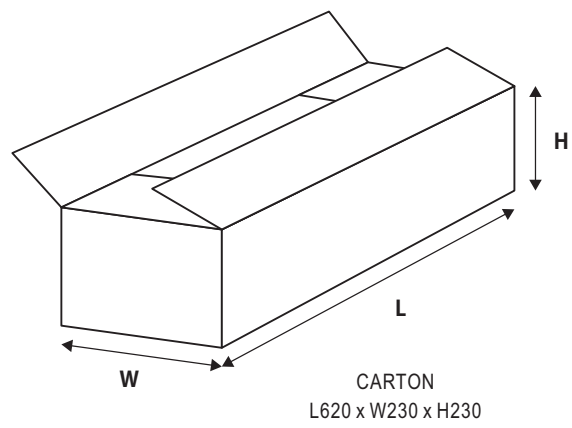
#### ■ Derating Curve



#### 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 10% to 100% rated load.
  5. Please prevent the converter from operating in overload or short circuit condition for more than 30 seconds.
- ※ Product Liability Disclaimer : For detailed information, please refer to <https://www.meanwell.com/serviceDisclaimer.aspx>

■ Packing

| Standard Tube Packing                                                                                                                                                                                                                                                                                                                                 | MPQ<br>Per Tube<br>(PCS) | One Tube<br>G.W. | Max. Q'TY/<br>Carton(PCS) | One Carton<br>G.W. |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|------------------|---------------------------|--------------------|
| <p>Unit : mm</p>  <p>Tube Nails</p> <p>Product</p> <p>289</p> <p>54</p> <p>22.7</p> <p>7</p> <p>Tube pattern</p>  <p>W</p> <p>L</p> <p>H</p> <p>CARTON<br/>L620 x W230 x H230</p> | 10                       | 400g             | 400                       | 16.8Kg             |

■ Installation Manual

Please refer to : <http://www.meanwell.com/manual.html>