



Наличие и актуальные цены на

**SRS-0505**

<https://www.mean-well.ru/store/SRS-0505/>



## Features :

- 1500VDC I/O isolation
- Internal SMD technology
- Built-in EMI filter
- Cooling by free air convection
- Non-conductive plastic case
- Dual in line package
- 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>

## SELECTION GUIDE



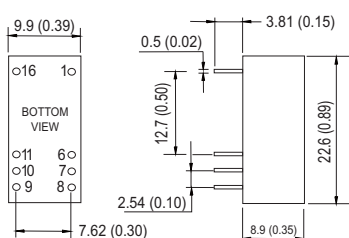
| ORDER NO. |                   | SRS-0505  | SRS-1205 | SRS-2405 | SRS-4805 | SRS-0509 | SRS-1209 | SRS-2409 | SRS-4809 |
|-----------|-------------------|-----------|----------|----------|----------|----------|----------|----------|----------|
| OUTPUT    | DC VOLTAGE        | 5V        |          |          |          | 9V       |          |          |          |
|           | CURRENT RANGE     | 0 ~ 100mA |          |          |          | 0 ~ 56mA |          |          |          |
|           | EFFICIENCY (TYP.) | 60%       |          |          |          | 60%      |          |          |          |
| ORDER NO. |                   | SRS-0512  | SRS-1212 | SRS-2412 | SRS-4812 | SRS-0515 | SRS-1215 | SRS-2415 | SRS-4815 |
| OUTPUT    | DC VOLTAGE        | 12V       |          |          |          | 15V      |          |          |          |
|           | CURRENT RANGE     | 0 ~ 42mA  |          |          |          | 0 ~ 34mA |          |          |          |
|           | EFFICIENCY (TYP.) | 60%       |          |          |          | 60%      |          |          |          |

## SPECIFICATION

|                      |                              |                                                                                                                                  |              |              |              |            |              |              |              |
|----------------------|------------------------------|----------------------------------------------------------------------------------------------------------------------------------|--------------|--------------|--------------|------------|--------------|--------------|--------------|
| OUTPUT               | RATED POWER                  | 0.5W                                                                                                                             |              |              |              |            |              |              |              |
|                      | RIPPLE & NOISE (max.) Note.2 | 100mVp-p                                                                                                                         |              |              |              |            |              |              |              |
|                      | LINE REGULATION              | ±1.0%                                                                                                                            |              |              |              |            |              |              |              |
|                      | LOAD REGULATION Note.3       | ±1.0%                                                                                                                            |              |              |              |            |              |              |              |
|                      | VOLTAGE ACCURACY             | ±2.0%(Typ.) ±3.0%(max.)                                                                                                          |              |              |              |            |              |              |              |
| INPUT                | SWITCHING FREQUENCY          | 50KHz min.                                                                                                                       |              |              |              |            |              |              |              |
|                      | VOLTAGE RANGE                | 4.5 ~ 5.5V                                                                                                                       | 10.8 ~ 13.2V | 21.6 ~ 26.4V | 43.2 ~ 52.8V | 4.5 ~ 5.5V | 10.8 ~ 13.2V | 21.6 ~ 26.4V | 43.2 ~ 52.8V |
|                      | NORMAL VOLTAGE               | 5V                                                                                                                               | 12V          | 24V          | 48V          | 5V         | 12V          | 24V          | 48V          |
|                      | INPUT CURRENT                | Full load                                                                                                                        | 175mA        | 72mA         | 36mA         | 19mA       | 175mA        | 72mA         | 36mA         |
|                      |                              | No load                                                                                                                          | 37mA         | 15mA         | 9mA          | 5mA        | 37mA         | 15mA         | 9mA          |
| PROTECTION (Note. 4) | FILTER                       | Capacitor type                                                                                                                   |              |              |              |            |              |              |              |
|                      | PROTECTION                   | Fuse recommended                                                                                                                 |              |              |              |            |              |              |              |
|                      | OVERLOAD                     | 150 ~ 350% rated output power<br>Protection type : Hiccup mode, recovers automatically after fault condition is removed          |              |              |              |            |              |              |              |
| ENVIRONMENT          | SHORT CIRCUIT                | All output equipped with short circuit<br>Protection type : Hiccup mode, recovers automatically after fault condition is removed |              |              |              |            |              |              |              |
|                      | WORKING TEMP.                | -25 ~ +71°C (Refer to "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)                                                                                                           |              |              |              |            |              |              |              |
| SAFETY & EMC         | VIBRATION                    | 10 ~ 500Hz, 2G 10min./1 cycle, period for 60min. each along X, Y, Z axes                                                         |              |              |              |            |              |              |              |
|                      | 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°C / 70% RH                                                                                      |              |              |              |            |              |              |              |
|                      | ISOLATION CAPACITANCE        | 80pF max.                                                                                                                        |              |              |              |            |              |              |              |
| OTHERS               | 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                                  |              |              |              |            |              |              |              |
|                      | MTBF                         | 600khrs min. MIL-HDBK-217F(25°C)                                                                                                 |              |              |              |            |              |              |              |
|                      | DIMENSION                    | 22.6*9.9*8.9mm or 0.89**0.39**0.35" inch (L*W*H)                                                                                 |              |              |              |            |              |              |              |
| OTHERS               | PACKING                      | 3.1g ; 22pcs/per tube, 3080pcs/140 tube/per carton                                                                               |              |              |              |            |              |              |              |

## Mechanical Specification

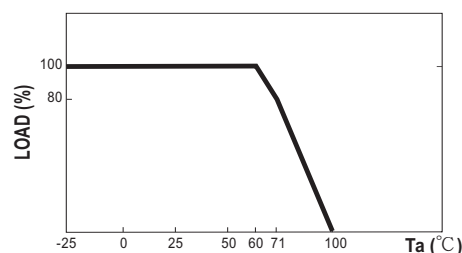
NOTE: All dimensions are in mm(inch)  
 • Pin size is 0.50x0.30mm (0.02" x0.01")  
 • Pin is Tolerance:x.xx±0.05mm(±0.002")  
 • Tolerance:x.x or x.xx±0.5mm(±0.02")



## Pin Configuration

| Pin No. | Output |
|---------|--------|
| 1 & 16  | +Vin   |
| 6 & 11  | -Vout  |
| 7 & 10  | +Vout  |
| 8 & 9   | -Vin   |

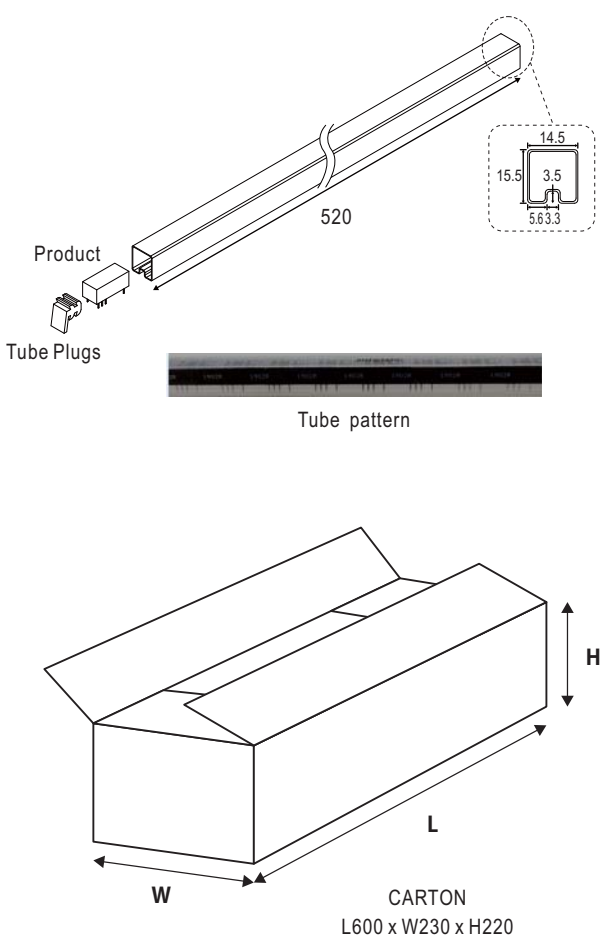
## Derating Curve



## 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.Load regulation is measured from 10% to 100% rated load.
  - 4.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>Product</p> <p>Tube Plugs</p> <p>520</p> <p>14.5</p> <p>15.5</p> <p>3.5</p> <p>5633</p> <p>Tube pattern</p> <p>CARTON<br/>L600 x W230 x H220</p> <p>W</p> <p>L</p> <p>H</p> | 22                       | 110g             | 3080                      | 16.2Kg             |

### ■ Installation Manual

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