



- 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

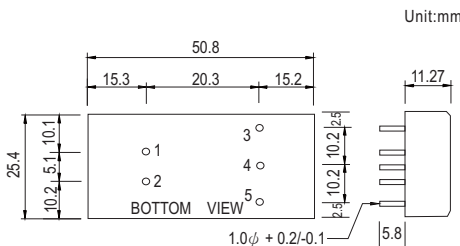
MW Search: <https://www.meanwell.com/serviceGTIN.aspx>



SPECIFICATION

| ORDER NO. | SKE10A-05 | SKE10B-05 | SKE10C-05 | SKE10A-12 | SKE10B-12 | SKE10C-12 | SKE10A-15 | SKE10B-15 | SKE10C-15 | SKE10A-24 | SKE10B-24 | SKE10C-24 | |
|----------------------|------------------------------|-----------|-----------|---|-----------|-----------|--------------|-----------|-----------|------------|-----------|-----------|---|
| OUTPUT | DC VOLTAGE | | | 12V | | | 15V | | | 24V | | | |
| | CURRENT RANGE | | | 84 ~ 840mA | | | 66.6 ~ 666mA | | | 42 ~ 420mA | | | |
| | RATED POWER | | | | | | | | | | | | 10W |
| | RIPPLE & NOISE (max.) Note.2 | | | 60mVp-p | | | 60mVp-p | | | 80mVp-p | | | |
| | LINE REGULATION Note.3 | | | ±0.3% | | | | | | | | | |
| | LOAD REGULATION Note.4 | | | ±0.5% | | | | | | | | | |
| | VOLTAGE ACCURACY | | | ±2.0% | | | | | | | | | |
| INPUT | SWITCHING FREQUENCY | | | | | | | | | | | | 200KHz min. |
| | VOLTAGE RANGE | | | | | | | | | | | | A: 9 ~ 18VDC B: 18 ~ 36VDC C: 36 ~ 72VDC |
| | EFFICIENCY (Typ.) | | | | | | | | | | | | 78% 79% 80% 79% 81% 81% 80% 82% 82% 81% 82% 83% |
| | DC CURRENT | | | Full load A: 1100mA B: 530mA C: 270mA No load A: 28mA B: 16mA C: 8mA | | | | | | | | | |
| | FILTER | | | | | | | | | | | | Pi network |
| PROTECTION (Note. 5) | OVER CURRENT | | | | | | | | | | | | 160% ~ 250% rated output power Protection type : Hiccup mode, recovers automatically after fault condition is removed |
| | SHORT CIRCUIT | | | | | | | | | | | | All output equipped with short circuit Protection type : Hiccup mode, recovers automatically after fault condition is removed |
| | ENVIRONMENT | | | | | | | | | | | | 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) 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°C / 70% RH |
| | EMC EMISSION | | | | | | | | | | | | Compliance to BS EN/EN55032 Class A, FCC part 15 Class A, 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 | | | | | | | | | | | | 500Khrs min. MIL-HDBK-217F(25°C) |
| | DIMENSION | | | | | | | | | | | | 50.8*25.4*11.2mm or 2"*1"*0.44" inch (L*W*H) |
| | PACKING | | | | | | | | | | | | 31.2g ; 10pcs/per tube, 400pcs/40 tube/per carton |

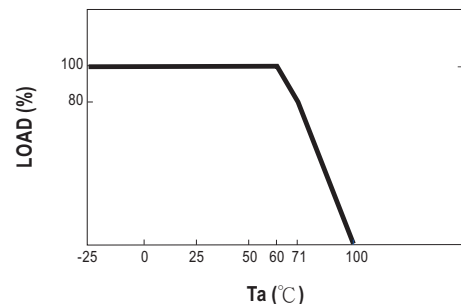
■ Mechanical Specification



■ 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 Per Tube (PCS) | One Tube G.W. | Max. Q'TY/ Carton(PCS) | One Carton G.W. |
|---|--------------------|---------------|------------------------|-----------------|
| <p>Unit : mm</p> <p>Tube pattern</p> <p>CARTON L600 x W230 x H220</p> | 10 | 400g | 400 | 16.8Kg |

Installation Manual

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