



# MEAN WELL

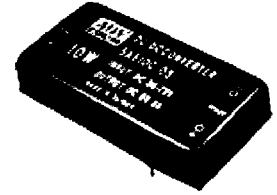
## SWITCHING POWER SUPPLY

ISO-9001 CERTIFIED MANUFACTURER

# SKE10C SERIES

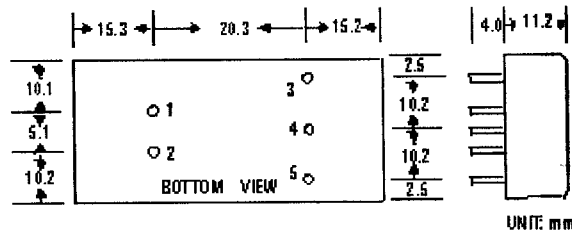
- .2:1 WIDE INPUT RANGE
- .4:1 INPUT IS AVAILABLE
- .REGULATED DC OUTPUT
- .1K VDC I/P ISOLATION
- .1K~3KVDC ISOLATION (OPTIONAL)
- .LOW PROFILE / SMALL SIZE
- .EPOXY ENCAPSULATED

- .SIX-SIDED SHIELD OF METAL CASE
- .HIGH PERFORMANCE / LOW COST
- .SHORT CIRCUIT PROTECTION
- .OVER CURRENT PROTECTION
- .FREE AIR CONVECTION
- .100% BURN-IN TEST
- .1 YEAR WARRANTY



ORDER NO.	SKE10C-033	SKE10C-05	SKE10C-12	SKE10C-15	SKE10C-24
DC OUTPUT VOLTAGE	3.3V	5V	12V	15V	24V
OUTPUT VOLTAGE ACCURACY	±2%				
OUTPUT RATED CURRENT	2400mA	2000mA	840mA	666mA	420mA
OUTPUT CURRENT RANGE	240-2400mA	200-2000mA	84-840mA	66.6-666mA	42-420mA
RIPPLE & NOISE	50mVp-p	50mVp-p	60mVp-p	60mVp-p	80mVp-p
LINE REGULATION	±0.3%	±0.3%	±0.3%	±0.3%	±0.3%
LOAD REGULATION	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%
DC OUTPUT POWER	8W	10W	10W	10W	10W
EFFICIENCY	76%	80%	81%	82%	83%
SWITCHING FREQUENCY	200KHz (TYPICAL)				
INPUT VOLTAGE RANGE	36~72VDC				
INPUT CURRENT	0.27A/48VDC; 8mA @ NO LOAD (TYPICAL)				
SHORT CIRCUIT PROTECTION	CONTINUOUS				
OVER CURRENT PROTECTION	160~250% AUTO RECOVERY				
TEMP. COEFFICIENT	±0.03% / °C (0~50°C)				
ISOLATION VOLTAGE	I/P-O/P: 1K VDC MIN.				
ISOLATION RESISTANCE	I/P-O/P: 100M Ohms MIN. @500VDC				
TRANSIENT RESPONSE	<250u sec. FOR 25% LOAD STEP CHANGE				
WORKING TEMP., HUMIDITY	-15°C~+60°C, 20%~90% RH (NO DERATING); 80% LOAD @71°C				
STORAGE TEMP., HUMIDITY	-25°C~+85°C, 10%~95% RH				
DIMENSION	2"*1"*0.44"				
WEIGHT	32g				
CASE MATERIAL	SIX-SIDED SHIELD OF METAL CASE				

### MECHANISM AND PIN CONFIGURATION



Pin no.	Output
1	+Vin
2	-Vin
3	+Vout
4	N.P.
5	-Vout

- NOTE :
1. ALL PARAMETERS ARE SPECIFIED AT RATED 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.