

MEAN WELL

SWITCHING POWER SUPPLY **ISO-9001 CERTIFIED MANUFACTURER**

SKE₁₀A **SERIES**

.2:1 WIDE INPUT RANGE

.4:1 INPUT IS AVIALABLE REGULATED DC OUTPUT

.500VDC I/P ISOLATION

.1K~3KVDC ISOLATION IS AVAILABLE

.LOW PROFILE / SMALL SIZE

.HIGH PERFORMACE / LOW COST

SHORT CIRCUIT PROTECTION

OVER CURRENT PROTECTION

FREE AIR CONVECTION

.100% BURN-IN TEST

.1 YEAR WARRANTY

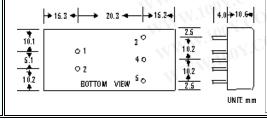


.EPOXY ENCAPSULATED	OV.COM.	WWW	· TOON COM	TW W
MODEL SPECIFICATION	SKE10A-05	SKE10A12	SKE10A-15	SKE10A-24
DC OUTPUT VOLTAGE	5V 0	12V	15V	24V
OUTPUT VOLTAGE ACCURACY	W.100 COM.	±2	%	DIAT.
OUTPUT RATED CURRENT	2000mA	840mA	666mA	420mA
OUTPUT CURRENT RANGE	200-2000mA	84-840mA	66.6-666mA	42-420mA
RIPPLE & NOISE	50mVp-p	60mVp-p	60mVp-p	80mVp-p
LINE REGULATION	± 0.3%	±0.3%	±0.3%	±0.3%
LOAD REGULATION	± 1%	± 1%	± 1%	± 1%
DC OUTPUT POWER	10W	10W	10W	10W
EFFICIENCY	81% (TYPICAL)			
SWITCHING FREQUENCY	300KHz (TYPICAL)			
INPUT VOLTAGE RANGE	9~18VDC			
INPUT CURRENT	1.1A/12VDC; 25mA @ NO LOAD (TYPICAL)			
SHORT CIRCUIT PROTECTION	CONTINOUS 勝 特			
OVER CURRENT PROTECTION	160-250% AUTO RECOVERY 胜特力目			
TEMP. COEFFICIENT	性特力申 ±0.02% / °C (0-50°C)			
ISOLATION VOLTAGE	VP-O/P:500VDC MIN.			

材 料 886-3-5753170 子(上海) 86-21-54151736 子(深圳) 86-755-83298787 //www. 100y. com. tw

I/P-O/P:500VDC / 100M Ohms MIN. ISOLATION RESISTANCE TRANSIENT RESPONSE <250u sec. FOR 25% LOAD STEP CHANGE -15°C~+60°C, 20%~90% RH (NO DERATING); 80% LOAD @ 71°C WORKING TEMP., HUMIDITY STORAGE TEMP., HUMIDITY -25°C~+85°C, 10%~95% RH DIMENSION 2"*1"*0.42" WEIGHT CASE METERIAL SIX-SIDED SHIELD METAL CASE

MECHANISM AND PIN CONFIGURATION



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

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.

2000-04-17



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SKE10B **SERIES**

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LEFOXT ENCAPSULATED	and the same		.001.	
MODEL SPECIFICATION	SKE10B-05	SKE10B-12	SKE10B-15	SKE10B-24
DC OUTPUT VOLTAGE	5V	12V	15V	24V
OUTPUT VOLTAGE ACCURACY	M.100 TOM	±2	2%	DIVI.
OUTPUT RATED CURRENT	2000mA	840mA	666mA	420mA
OUTPUT CURRENT RANGE	200-2000mA	84-840mA	66.6-666mA	42-420mA
RIPPLE & NOISE	50mVp-p	60mVp-p	60mVp-p	80mVp-p
LINE REGULATION	± 0.3%	±0.3%	±0.3%	±0.3%
LOAD REGULATION	± 1%	± 1%	± 1%	± 1%
DC OUTPUT POWER	10W	10W	10W	10W
EFFICIENCY	83% (TYPICAL)			
SWITCHING FREQUENCY	300KHz (TYPICAL)			
INPUT VOLTAGE RANGE	18-36VDC			
INPUT CURRENT	1.1A/12VDC; 15mA @ NO LOAD (TYPICAL) 勝 特			
	4 N N N N		AN AN AT	7401

CONTINOUS

OVER CURRENT PROTECTION 160~250% AUTO RECOVERY

TEMP. COEFFICIENT ±0.02% / °C (0~50°C)

ISOLATION VOLTAGE I/P-O/P·500VDC MIN

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

I/P-O/P·500VDC / 100M Ohms MIN

STORAGE TEMP., HUMIDITY -25°C~+85°C, 10%~95% RH

2"*1"*0.42" DIMENSION

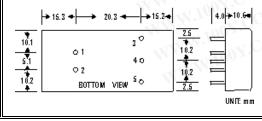
WEIGHT 32g

CASE METERIAL SIX-SIDED SHIELD METAL CASE

MECHANISM AND PIN CONFIGURATION

SHORT CIRCUIT PROTECTION

ISOLATION RESISTANCE



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

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 1 JUE & 47 JUE 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.

2000-04-17

胜特力电子(上海) 86-21-54151736

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Http://www. 100y. com. tw



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SKE10C SERIES

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- 1 V V			. 0117.		
MODEL SPECIFICATION	SKE10C-05	SKE10C-12	SKE10C-15	SKE10	C-24
DC OUTPUT VOLTAGE	5V	12V	15V	24\	V
OUTPUT VOLTAGE ACCURACY	W.100 COM	±2'	% N - ~ C C	M.	
OUTPUT RATED CURRENT	2000mA	840mA	666mA	420n	nA
OUTPUT CURRENT RANGE	200-2000mA	84-840mA	66.6-666mA	42-420	0mA
RIPPLE & NOISE	50mVp-p	60mVp-p	60mVp-p	80mV	'p-p
LINE REGULATION	± 0.3%	±0.3%	±0.3%	±0.3	%
LOAD REGULATION	± 1%	± 1%	± 1%	± 19	%
DC OUTPUT POWER	10W	10W-	10W	100	N N
EFFICIENCY	MWW.Io-	84% (TY	PICAL)	on V.CO	Mr.
SWITCHING FREQUENCY	, INW.Inc	300KHz (T	YPICAL)	N.C	Dir.
INPUT VOLTAGE RANGE	36~72VDC	OM.I.	WW	Jun	OMr.
INPUT CURRENT	0.28A/48VDC; 10mA @ NO	LOAD (TYPICAL)	T VV	N.100 -	COM
SHORT CIRCUIT PROTECTION	CONTINOUS	1001. OM.T	N N	W.100 x	
OVER CURRENT PROTECTION	160~250% AUTO RECOVE	ERY	A Ala	-XX 100	勝特
TEMP. COEFFICIENT	±0.02% / °C (0~50°C)	100X.Co.	TW W	N 7	胜特力
ISOLATION VOLTAGE	I/P-O/P:500VDC MIN.	W. CON	W WI	MA.	胜特力
ISOLATION RESISTANCE	I/P-O/P:500VDC / 100M Ohr	ms MIN.	W	MAN	H
TRANSIENT RESPONSE	<250u sec. FOR 25% LOAD STEP CHANGE			To ON	

勝 特 力 材 料 886-3-5753170 胜特力电子(上海) 86-21-54151736 胜特力电子(深圳) 86-755-83298787 Http://www.100y.com.tw

MECHANISM AND PIN CONFIGURATION

WORKING TEMP., HUMIDITY

STORAGE TEMP., HUMIDITY

DIMENSION

CASE METERIAL

WEIGHT

H	15.3 - 20.3 - 15.2-	4.0 > 10.6
10.1	0 1 3 0 10.2 10.2 10.2 10.2 10.2 10.2 10.2 10	UNIT: mm

-15°C~+60°C, 20%~90% RH (NO DERATING); 80% LOAD @71°C

Pin no.	Output	
111	+Vin	
2	-Vin	
3	+Vout	
4	N.C.	
5	GROUND	

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.

-25°C~+85°C, 10%~95% RH

SIX-SIDED SHIELD METAL CASE

2"*1"*0.42"

32g

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