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Jameco Part Number 220337□
(SKE10B-033)

MEAN WELL

SWITCHING POWER SUPPLY

ISO-9001 CERTIFIED MANUFACTURER

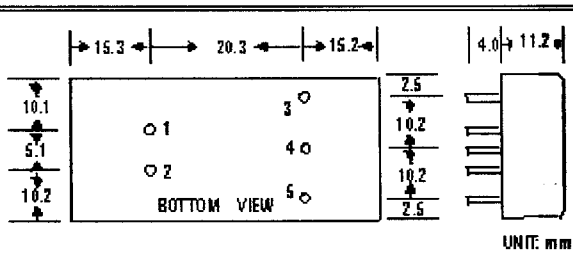
SKE10B SERIES

.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. / SPECIFICATION	SKE10B-033	SKE10B-05	SKE10B-12	SKE10B-15	SKE10B-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%	79%	81%	82%	82%
SWITCHING FREQUENCY	200KHz (TYPICAL)				
INPUT VOLTAGE RANGE	18~36VDC				
INPUT CURRENT	0.53A/24VDC; 16mA @ 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.

2003-03-04