



MEAN WELL

SWITCHING POWER SUPPLY

ISO-9001 CERTIFIED MANUFACTURER

SKE15A SERIES

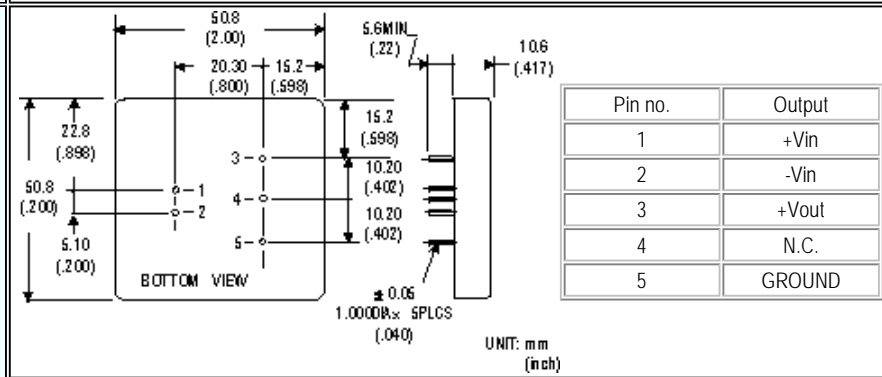
- .2:1 WIDE INPUT RANGE
- .4:1 INPUT IS AVIALABLE
- .REGULATED DC OUTPUT
- .500VDC I/P ISOLATION
- .EPOXY ENCAPSULATED

- .HIGH PERFORMACE / LOW COST
- .SHORT CIRCUIT PROTECTION
- .OVER CURRENT PROTECTION
- .FREE AIR CONVECTION
- .100% BURN-IN TEST
- .1 YEAR WARRANTY



MODEL	SKE15A-05	SKE15A-12	SKE15A-15	SKE15A-24
SPECIFICATION				
DC OUTPUT VOLTAGE	5V	12V	15V	24V
OUTPUT VOLTAGE ACCURACY	±2%			
OUTPUT RATED CURRENT	3000mA	1250mA	1000mA	625mA
OUTPUT CURRENT RANGE	300-3000mA	125-1250mA	100-1000mA	62.5-625mA
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	15W	15W	15W	15W
EFFICIENCY	80% (TYPICAL)			
SWITCHING FREQUENCY	100KHz (TYPICAL)			
INPUT VOLTAGE RANGE	9-18VDC			
INPUT CURRENT	1.7A/12VDC; 45mA @ 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:500VDC MIN.			
ISOLATION RESISTANCE	I/P-O/P:500VDC / 100M Ohms 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			
STORAGE TEMP., HUMIDITY	-25°C~+85°C, 10%~95% RH			
DIMENSION	2"*2"*0.42"			
WEIGHT	65g			
CASE METERIAL	SIX-SIDE SHIELD METAL CASE			

MECHANISM AND PIN CONFIGURATION



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.



MEAN WELL

SWITCHING POWER SUPPLY

ISO-9001 CERTIFIED MANUFACTURER

SKE15B SERIES

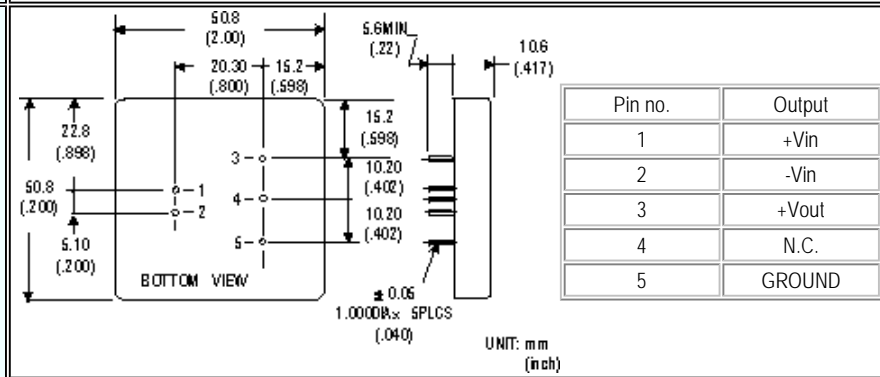
- .2:1 WIDE INPUT RANGE
- .4:1 INPUT IS AVIALABLE
- .REGULATED DC OUTPUT
- .500VDC I/P ISOLATION
- .EPOXY ENCAPSULATED

- .HIGH PERFORMACE / LOW COST
- .SHORT CIRCUIT PROTECTION
- .OVER CURRENT PROTECTION
- .FREE AIR CONVECTION
- .100% BURN-IN TEST
- .1 YEAR WARRANTY



MODEL	SKE15B-05	SKE15B-12	SKE15B-15	SKE15B-24
SPECIFICATION				
DC OUTPUT VOLTAGE	5V	12V	15V	24V
OUTPUT VOLTAGE ACCURACY	±2%			
OUTPUT RATED CURRENT	3000mA	1250mA	1000mA	625mA
OUTPUT CURRENT RANGE	300-3000mA	125-1250mA	100-1000mA	62.5-625mA
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	15W	15W	15W	15W
EFFICIENCY	82% (TYPICAL)			
SWITCHING FREQUENCY	100KHz (TYPICAL)			
INPUT VOLTAGE RANGE	18~36VDC			
INPUT CURRENT	0.83A/24VDC; 45mA @ NO LOAD (TYPICAL)			
SHORT CIRCUIT PROTECTION	CONTINOUS			
OVER CURRENT PROTECTION	160~250% AUTO RECOVERY			
TEMP. COEFFICIENT	±0.03% / °C (0~50°C)			
ISOLATION VOLTAGE	I/P-O/P:500VDC MIN.			
ISOLATION RESISTANCE	I/P-O/P:500VDC / 100M Ohms 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			
STORAGE TEMP., HUMIDITY	-25°C~+85°C, 10%~95% RH			
DIMENSION	2"*2"*0.42"			
WEIGHT	65g			
CASE METERIAL	SIX-SIDE SHIELD METAL CASE			

MECHANISM AND PIN CONFIGURATION



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.

