

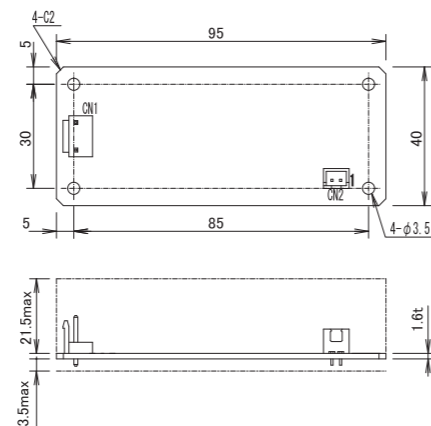
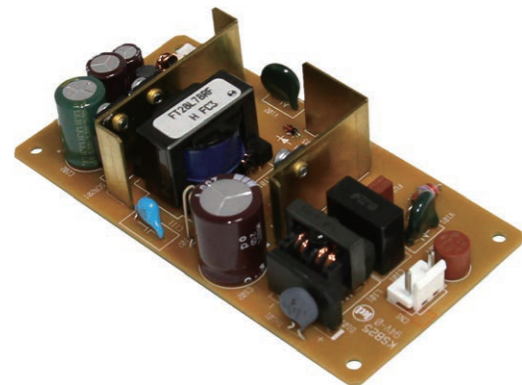
LIGHTNING RESISTANCE SWITCHING POWER SUPPLIES

Features

- Available 3 types whose capacity is 5W, 10W and 25W
- Adaptable to input voltage AC100V
- Adaptable to single output
- Incorporating over current and over voltage protecting function
- Designed based on PSE available for customized design to conform each safety standard and EMC standard etc.
- Possible to withstand below lightning surge
IEC61000-4-6: between input lines ±5kV
between input line and earth ±5kV
JEC: between input lines 15kV
between input line and earth 15kV

- 容量5W、10W、25Wの3タイプ。
- 入力電圧AC100V
- 単出カタイプ
- 保護機能内蔵（過電流・過電圧）
- 電気用品安全法準拠（各種安全規格、EMC規格に合わせてカスタム設計可能です）
- 雷サージ: IEC61000-4-5 入力ライン相互間±5kV
入力ライン対大地間±5kV
: JEC 入力ライン相互間15kV
入力ライン対大地間15kV

■ KSB05



CN1		CN2	
B2P3-VH		B2B-XH	
Terminal No.	INPUT	Terminal No.	OUTPUT
1	AC	1	DC+
3	AC	2	DC-

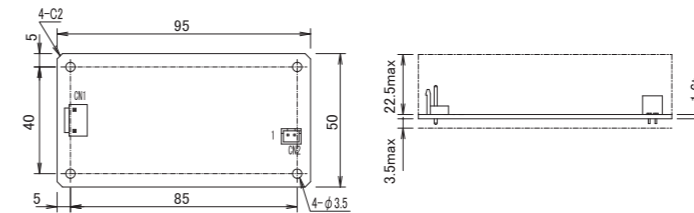
単位 mm
指定外公差 ±1mm
TOLERANCE

ITEM	MODEL NAME	KSB0508	KSB0905	KSB1204	KSB1503
Rated output voltage	V	5	9	12	15
Rated output current	A	0.8	0.55	0.4	0.35
Minimum output current	A	0			
Maximum output power	W	4	5	4.8	5
Input voltage	VAC	90~110			
Input frequency	Hz	47~63			
Inrush current	A	30A max.(Cold start)			
Efficiency	%	70% typ.[at the rated input-output]			
Input-output regulation	%	±10max.			
Ripple noise	mVp-p	200 max.[Output terminal is loaded with 100μF]			
Hold-up time	msec	10 min.[at the input 100V]			
Overcurrent protection	-	Provided[Output short circuit protection]			
Overvoltage protection	-	Provided			
Ambient temperature(operating)	°C	0~+50			
Ambient humidity(operating)	%RH	10~90			
Storage temperature	°C	-10~+70			
Storage humidity	%RH	10~90			
Withstand voltage	-	Primary-Secondary 1kV AC for one minute.			
Insulation resistance	-	Primary-Secondary 50MΩ min. DC 500V.			

Specifications are subject to change for improvement without notice.

LIGHTNING RESISTANCE SWITCHING POWER SUPPLIES

■ KSB10

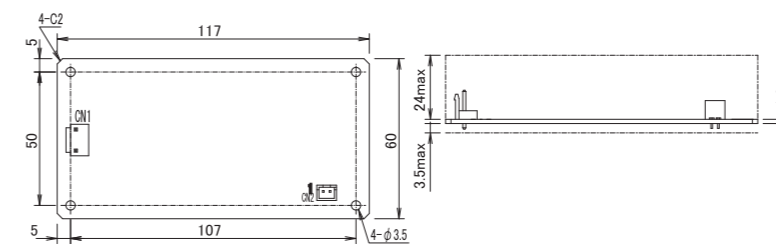


CN1		CN2	
B2P3-VH		B2B-XH	
Terminal No.	INPUT	Terminal No.	OUTPUT
1	AC	1	DC+
3	AC	2	DC-

単位 mm
指定外公差 ±1mm
TOLERANCE

ITEM	MODEL NAME	KSB0523	KSB0913	KSB1210	KSB1508
Rated output voltage	V	5	9	12	15
Rated output current	A	2.3	1.3	1	0.8
Minimum output current	A	0			
Maximum output power	W	11.5	11.7	12	12
Input voltage	VAC	90~110			
Input frequency	Hz	47~63			
Inrush current	A	30A max.(Cold start)			
Efficiency	%	76% typ.[at the rated input-output]			
Input-output regulation	%	±10max.			
Ripple noise	mVp-p	200 max.[Output terminal is loaded with 100μF]			
Hold-up time	msec	10 min.[at the input 100V]			
Overcurrent protection	-	Provided[Output short circuit protection]			
Overvoltage protection	-	Provided			
Ambient temperature(operating)	°C	0~+50			
Ambient humidity(operating)	%RH	10~90			
Storage temperature	°C	-10~+70			
Storage humidity	%RH	10~90			
Withstand voltage	-	Primary-Secondary 1kV AC for one minute.			
Insulation resistance	-	Primary-Secondary 50MΩ min. DC 500V.			

■ KSB25



CN1		CN2	
B2P3-VH		B2B-XH	
Terminal No.	INPUT	Terminal No.	OUTPUT
1	AC	1	DC+
3	AC	2	DC-

単位 mm
指定外公差 ±1mm
TOLERANCE

ITEM	MODEL NAME	KSB1220	KSB2410
Rated output voltage	V	12	24
Rated output current	A	2	1
Minimum output current	A	0	
Maximum output power	W	24	24
Input voltage	VAC	90~110	
Input frequency	Hz	47~63	
Inrush current	A	30A max.(Cold start)	
Efficiency	%	84% typ.[at the rated input-output]	
Input-output regulation	%	±10max.	
Ripple noise	mVp-p	200 max.[Output terminal is loaded with 100μF]	
Hold-up time	msec	10 min.[at the input 100V]	
Overcurrent protection	-	Provided[Output short circuit protection]	
Overvoltage protection	-	Provided	
Ambient temperature(operating)	°C	0~+50	
Ambient humidity(operating)	%RH	10~90	
Storage temperature	°C	-10~+70	
Storage humidity	%RH	10~90	
Withstand voltage	-	Primary-Secondary 1kV AC for one minute.	
Insulation resistance	-	Primary-Secondary 50MΩ min. DC 500V.	

Specifications are subject to change for improvement without notice.