

**PS SERIES (SINGLE OUTPUT)**

General Information

Switching Mode Power Supply

DC-DC Converter

Noise Filter

Solid State Relay

AC FAN Motor

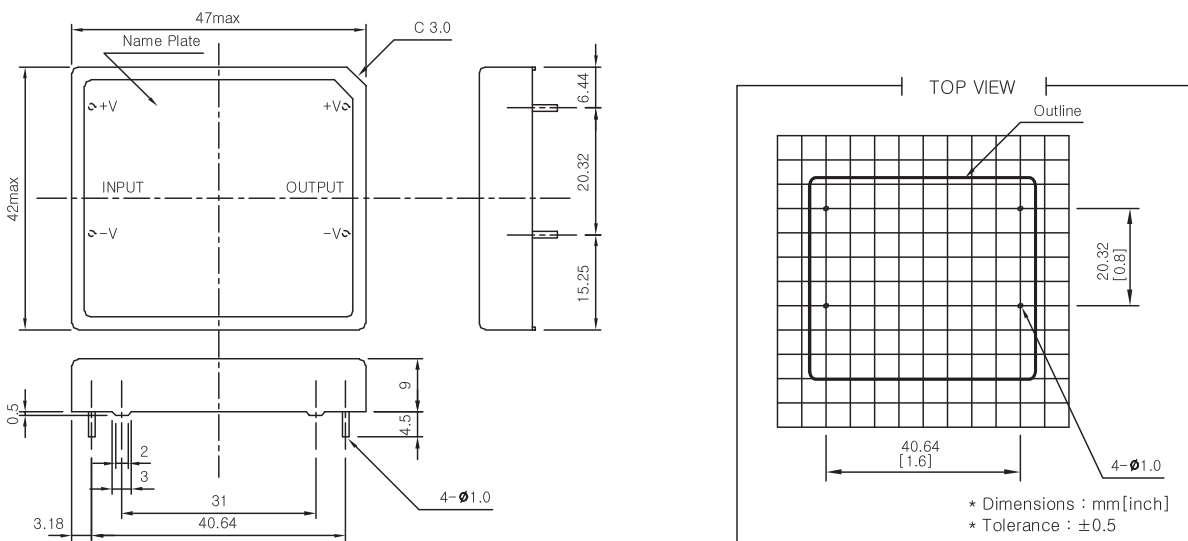
Power Module

Discrete Semiconductors

**PS06-S SPECIFICATIONS**

MODEL		PS06-0505	PS06-0512	PS06-0515	PS06-1205	PS06-1212	PS06-1215	PS06-2405	PS06-2412	PS06-2415	PS06-4805	PS06-4812	PS06-4824
INPUT	VOLTAGE	DC5V(4.7~7.2V)			DC12V(9.0~18V)			DC24V(18~36V)			DC48V(36~72V)		
	EFFICIENCY	68%	70%	70%	73%	76%	76%	73%	76%	76%	73%	76%	76%
OUTPUT	VOLTAGE [V]	5	12	15	5	12	15	5	12	15	5	12	15
	CURRENT [A]	1.2	0.5	0.4	1.2	0.5	0.4	1.2	0.5	0.4	1.2	0.5	0.4
	REGULATION, LINE [mV]	20Max	50Max	60Max	20Max	50Max	60Max	20Max	50Max	60Max	20Max	50Max	60Max
	REGULATION, LOAD [mV]	30Max	70Max	90Max	30Max	70Max	90Max	30Max	70Max	90Max	30Max	70Max	90Max
	RIPPLE [mVp-p]	80Max	120Max	150Max	80Max	120Max	150Max	80Max	120Max	150Max	80Max	120Max	150Max
	RIPPLE, NOISE [mVp-p]	120Max	150Max	150Max	120Max	150Max	150Max	120Max	150Max	150Max	120Max	150Max	150Max
	TEMPERATURE DRIFT -10~+50°C [mV]	90Max	216Max	270Max	90Max	216Max	270Max	90Max	216Max	270Max	90Max	216Max	270Max
OUTPUT VOLTAGE SETTING [%]	±5% Max (Output voltage is adjustable by the external potentiometer)												
PROTECTION CIRCUIT	OVER CURRENT PROTECTION	Works at over 105% of rating and recovers automatically											
ELECTRICALLY ISOLATED	INPUT-OUTPUT	AC500V 1 minute, current 10mA, DC500V More Than 100MΩ											
	INPUT-CASE	AC500V 1 minute, current 10mA, DC500V More Than 100MΩ											
	OUTPUT-CASE	AC500V 1 minute, current 10mA, DC500V More Than 100MΩ											
ENVIRONMENT	OPERATING TEMP AND HUMID	-20~+71°C, 20~95%RH (Non Condensing)											
	STORAGE TEMP AND HUMID	-40~+85°C, 20~95%RH (Non Condensing)											
	VIBRATION	10~55Hz at 10G, 3 minutes' periode for 60 minutes each along X,Y and Z axis											
	IMPACT	10G for 20ms once on each X, Y and Z axis											

**PS06-S EXTERNAL VIEW**



- \* Weight : 40g
- \* Tolerance : ±0.5
- \* Dimensions in mm