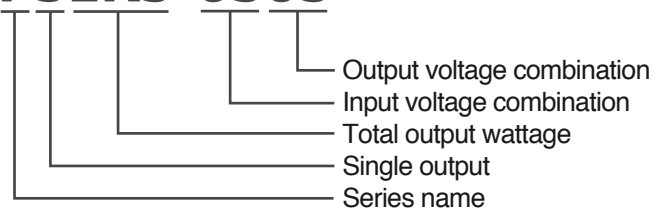


## PS SERIES (SINGLE OUTPUT)

## ORDERING INFORMATION

## PS1R5-0505



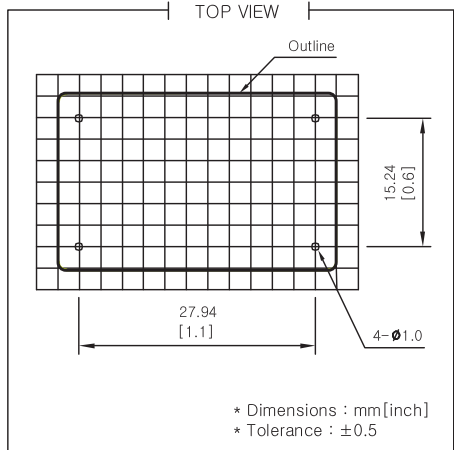
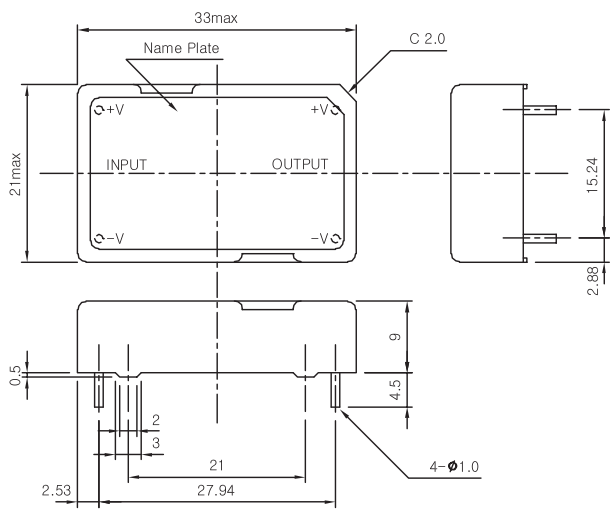
- High quality and reliability
- Thin profile(9.0mm thick)
- Isolated output
- Over current protection
- Over voltage protection(PS15, 25)
- 2 years warranty(PS1R5, 03, 06, 10)
- 3 years warranty(PS15, 25)



## PS1R5-S SPECIFICATIONS

MODEL		PS1R5-0505	PS1R5-0512	PS1R5-0515	PS1R5-1205	PS1R5-1212	PS1R5-1215	PS1R5-2405	PS1R5-2412	PS1R5-2415	PS1R5-4805	PS1R5-4812	PS1R5-4815
INPUT	VOLTAGE	DC5V(4.7~7.2V)			DC12V(9.0~18V)			DC24V(18~36V)			DC48V(36~72V)		
	EFFICIENCY	63%	65%	65%	68%	70%	70%	68%	70%	70%	68%	70%	70%
OUTPUT	VOLTAGE [V]	5	12	15	5	12	15	5	12	15	5	12	15
	CURRENT [A]	0.3	0.12	0.1	0.3	0.12	0.1	0.3	0.12	0.1	0.3	0.12	0.1
	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 110% 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~+70°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' period for 60 minutes each along X,Y and Z axis											
	IMPACT	10G for 20ms once on each X, Y and Z axis											

**PS1R5-S EXTERNAL VIEW**



- \* Weight : 15g
- \* Tolerance : ±0.5
- \* Dimensions in mm

\* Dimensions : mm [inch]  
\* Tolerance : ±0.5