

ORDERING INFORMATION

PSC1R5-053R3

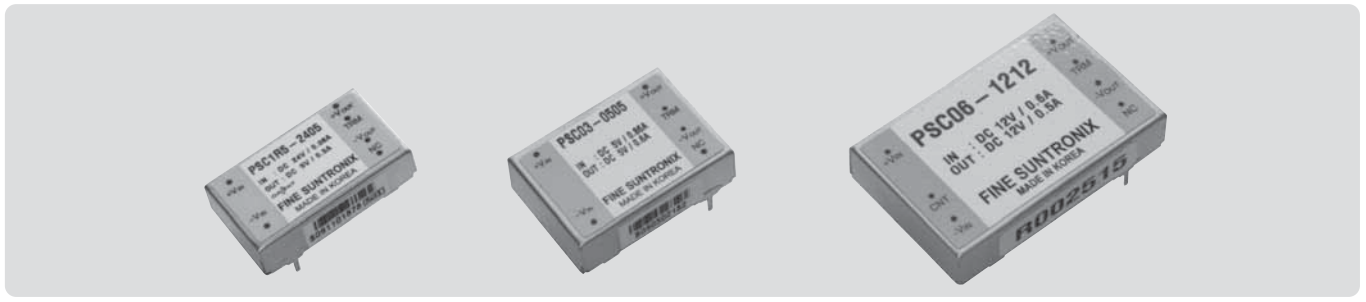
Series name

Total output wattage

Input voltage combination

Output voltage combination

- Compact DC-DC Module
- Isolated output
- Over current protection
- Adjustable output voltage
- Remote ON/OFF control (6W type)
- 3 years warranty



PSC1R5-S SPECIFICATIONS

	MODEL	PSC1R5-053R3	PSC1R5-0505	PSC1R5-0512	PSC1R5-0515*	PSC1R5-123R3	PSC1R5-1205	PSC1R5-1212	PSC1R5-1215*	PSC1R5-243R3	PSC1R5-2405	PSC1R5-2412	PSC1R5-2415*	PSC1R5-483R3	PSC1R5-4805	PSC1R5-4812	PSC1R5-4815*
INPUT	VOLTAGE	DC 5V (4.5 ~ 9V)				DC 12V (9 ~ 18V)				DC 24V (18 ~ 36V)				DC 48V (36 ~ 72V)			
	EFFICIENCY	66%	69%	71%	70%	70%	73%	75%	73%	70%	75%	76%	75%	70%	73%	76%	75%
OUTPUT	VOLTAGE [V]	3.3	5	12	15	3.3	5	12	15	3.3	5	12	15	3.3	5	12	15
	CURRENT [mA]	40	30	12.5	10	40	30	12.5	10	40	30	12.5	10	40	30	12.5	10
	REGULATION, LINE [mV]	20 Max	20 Max	30 Max	30 Max	20 Max	20 Max	30 Max	30 Max	20 Max	20 Max	30 Max	30 Max	20 Max	20 Max	30 Max	30 Max
	REGULATION, LOAD [mV]	40 Max	40 Max	100 Max	100 Max	40 Max	40 Max	100 Max	100 Max	40 Max	40 Max	100 Max	100 Max	40 Max	40 Max	100 Max	100 Max
	RIPPLE [mVp-p]	80 Max	80 Max	120 Max	120 Max	80 Max	80 Max	120 Max	120 Max	80 Max	80 Max	120 Max	120 Max	80 Max	80 Max	120 Max	120 Max
	RIPPLE, NOISE [mVp-p]	120 Max	120 Max	120 Max	120 Max	120 Max	120 Max	120 Max	120 Max	120 Max	120 Max	120 Max	120 Max	120 Max	120 Max	120 Max	120 Max
	TEMPERATURE DRIFT -10~+50°C [mV]	50 Max	50 Max	100 Max	100 Max	50 Max	50 Max	100 Max	100 Max	50 Max	50 Max	100 Max	100 Max	50 Max	50 Max	100 Max	100 Max
	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	AC 500V 1 minute, current 20mA, DC500V More Than 50MΩ															
	INPUT-CASE	AC 500V 1 minute, current 20mA, DC500V More Than 50MΩ															
	OUTPUT-CASE	AC 500V 1 minute, current 20mA, DC500V More Than 50MΩ															
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 each along X, Y and Z axis															

* TRM : By connecting TRM terminal to +Vout or -Vout, output voltage can be adjustable as the following range[3.3V : 2.84~3.67V, 5V : 4.3~6V, 12V : 12~15V][±5%]