

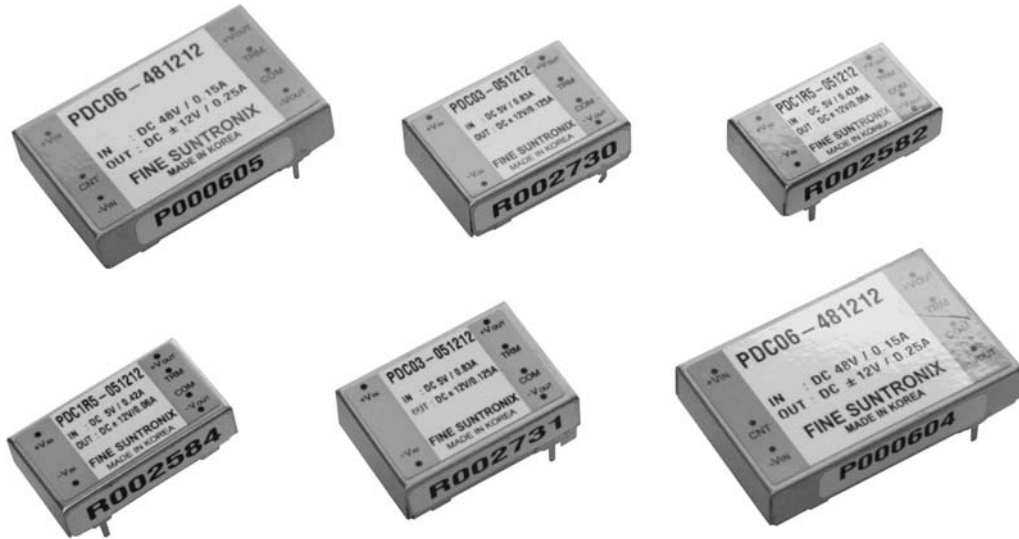
PDC SERIES (SINGLE OUTPUT)

ORDERING INFORMATION

PDC1R5-051212

Output voltage combination
Input voltage combination
Total output wattage
Series name

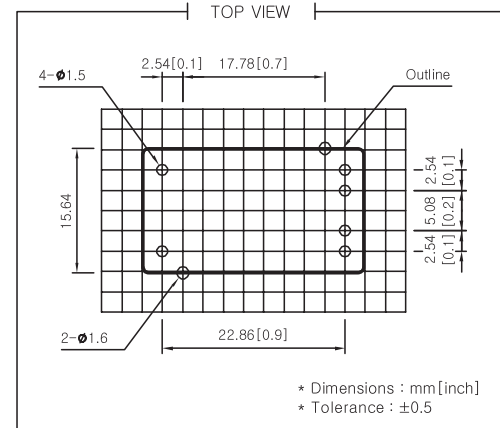
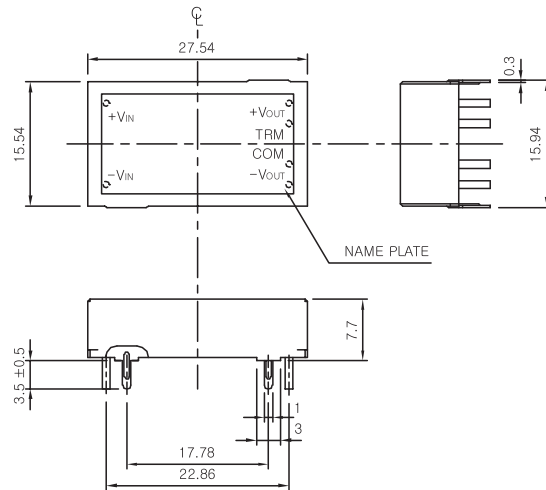
- Compact DC-DC Module
- Isolated output
- Over current protection
- Adjustable output voltage
- Remote ON/OFF control (6W type)
- 3 years warranty



PDC1R5-S SPECIFICATIONS

	MODEL	PDC1R5 -051212		PDC1R5 -051515		PDC1R5 -121212		PDC1R5 -121515		PDC1R5 -241212		PDC1R5 -241515		PDC1R5 -481212		PDC1R5 -481515	
INPUT	VOLTAGE	DC 5V (4.5~9V)				DC 12V (9~18V)				DC 24V (18~36V)				DC 48V (36~72V)			
	EFFICIENCY	69%		69%		73%		73%		75%		75%		75%		75%	
OUTPUT	VOLTAGE [V]	+12	-12	+15	-15	+12	-12	+15	-15	+12	-12	+15	-15	+12	-12	+15	-15
	CURRENT [mA]	60	60	50	50	60	60	50	50	60	60	50	50	60	60	50	50
	REGULATION, LINE [mV]	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40
	REGULATION, LOAD [mV]	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600
	RIPPLE [mVp-p]	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120
	RIPPLE, NOISE [mVp-p]	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120
	TEMPERATURE DRIFT -10~+50°C [mV]	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150
	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 20mA, DC500V More Than 50MΩ															
	INPUT-CASE	AC500V 1 minute, current 20mA, DC500V More Than 50MΩ															
	OUTPUT-CASE	AC500V 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 on each X, Y and Z axis															

■ PDC1R5-S EXTERNAL VIEW



- * Weight : 6g
- * Tolerance : ± 0.5
- * Dimensions in mm