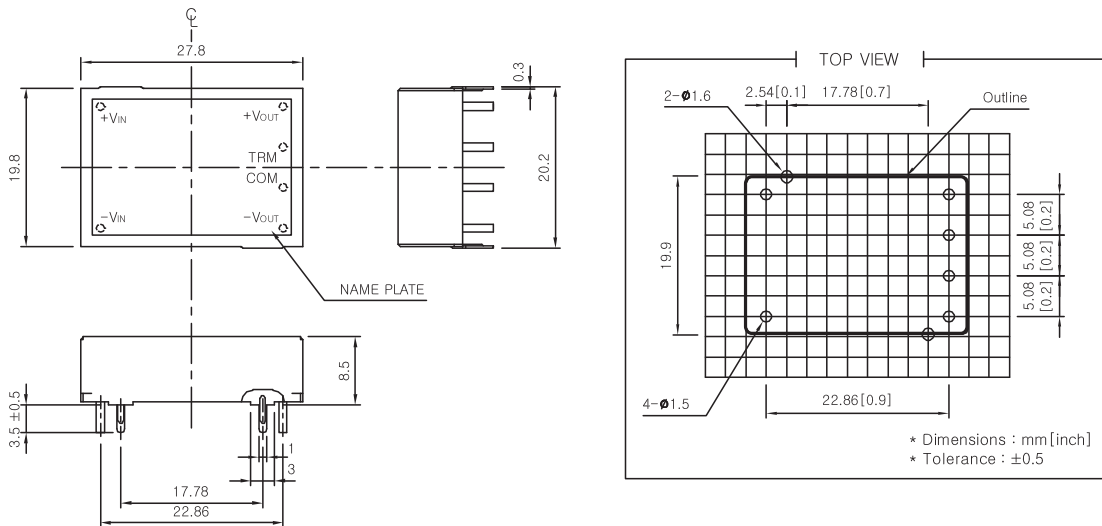


### PDC03-S SPECIFICATIONS

MODEL		PDC03 -051212				PDC03 -051515*				PDC03 -121212				PDC03 -121515*				PDC03 -241212				PDC03 -241515*				PDC03 -481212				PDC03 -481515*			
INPUT	VOLTAGE	DC 5V (4.5 ~ 9V)								DC 12V (9 ~ 18V)								DC 24V (18 ~ 36V)								DC 48V (36 ~ 72V)							
	EFFICIENCY	72%				72%				72%				72%				78%				78%				78%				78%			
OUTPUT	VOLTAGE [V]	12	-12	15	-15	12	-12	15	-15	12	-12	15	-15	12	-12	15	-15	12	-12	15	-15	12	-12	15	-15	12	-12	15	-15	12	-12	15	-15
	CURRENT [mA]	12.5	12.5	10	10	12.5	12.5	10	10	12.5	12.5	10	10	12.5	12.5	10	10	12.5	12.5	10	10	12.5	12.5	10	10	12.5	12.5	10	10	12.5	12.5	10	10
	REGULATION, LINE [mV]	40 Max	40 Max	40 Max	40 Max	40 Max	40 Max	40 Max	40 Max	40 Max	40 Max	40 Max	40 Max	40 Max	40 Max	40 Max	40 Max	40 Max	40 Max	40 Max	40 Max	40 Max	40 Max	40 Max	40 Max	40 Max	40 Max	40 Max	40 Max	40 Max	40 Max	40 Max	40 Max
	REGULATION, LOAD [mV]	600 Max	600 Max	600 Max	600 Max	600 Max	600 Max	600 Max	600 Max	600 Max	600 Max	600 Max	600 Max	600 Max	600 Max	600 Max	600 Max	600 Max	600 Max	600 Max	600 Max	600 Max	600 Max	600 Max	600 Max	600 Max	600 Max	600 Max	600 Max	600 Max	600 Max	600 Max	600 Max
	RIPPLE [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	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
	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	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]	150 Max	150 Max	150 Max	150 Max	150 Max	150 Max	150 Max	150 Max	150 Max	150 Max	150 Max	150 Max	150 Max	150 Max	150 Max	150 Max	150 Max	150 Max	150 Max	150 Max	150 Max	150 Max	150 Max	150 Max	150 Max	150 Max	150 Max	150 Max	150 Max	150 Max	150 Max	150 Max
	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	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 on each 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%

### PDC03-S EXTERNAL VIEW



- \* Weight : 10g
- \* Tolerance : ±0.5
- \* Dimensions in mm