



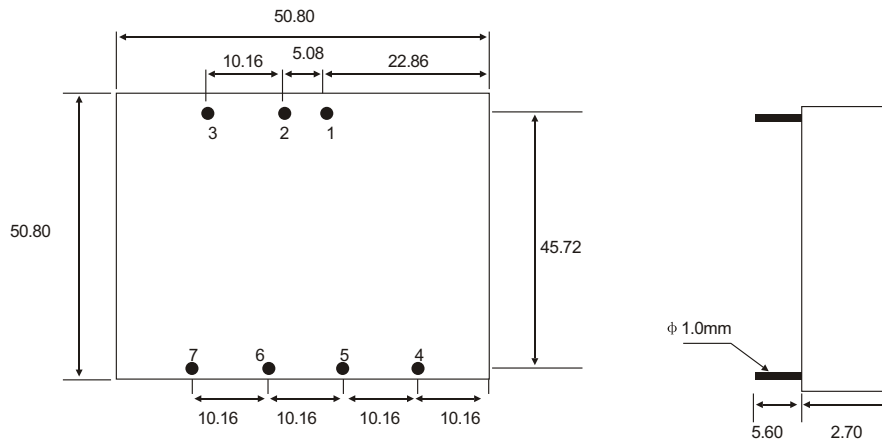
SHINHOM DC/DC Module power supply 25w wide voltage isolation voltage regulator series



Feature:

- Input voltage range 4:1
- Can be directly fixed onto PCB board
- Remote on/off control
- Current - limiting protection
- Continuous automatic recovery

Dimension & bottom view(schematic diagram unit: mm standard size: 50.80mm*50.80mm*12.70mm)



Pin definition

Pin Description	1	2	3	4	5	6	7
Single Path	Vin+	Vin-	REM	NC	+24	GND	TRIM

Typical electrical characteristics:

Output voltage precision	± 1	Temperature coefficient	$\pm 0.02\%/^{\circ}\text{C}$
Source effect	$\pm 0.2\%$	Ripple and noise	50mVp-p $V_o \leq 5\text{Vdc}$
Load effect	$\pm 0.5\%$		100mVp-p other
Isolation voltage	500VDC(Normal)	Cooling method	air
Switch frequency	250kHz	Housing material	metal case
MTBF	2x105h	Efficiency	80%~90%
Shell temperature range	-25 $^{\circ}\text{C}$ ~+95 $^{\circ}\text{C}$ (metal case)	Storage temperature range	-45 $^{\circ}\text{C}$ ~+105 $^{\circ}\text{C}$

Selection and technical parameters

Part number	Input voltage range (VDC)	Output voltage (VDC)	Output current (A)	Efficiency
SWDC25-2401	4.5-36	24	1	84%