

- Input voltage range $\pm 5\%$
- Typical Efficiency 80%
- Switching frequency: 80 \pm 30 KHz
- Input-output isolated
- PCB Mountable
- Lack Voltage Protection



Input Characteristic

Input voltage range	4.75	5	5.25	$\pm 5\%$
	11.4	12	12.6	$\pm 5\%$
	22.8	24	25.2	$\pm 5\%$
	45.6	48	50.4	$\pm 5\%$

Remote ON/OFF: High voltage on, low voltage off

Output Characteristic

Voltage accuracy		$\pm 5\text{Vac}$
Line regulation		$\pm 0.5\%$
Load regulation	20%~100% Load	$\pm 1\%$
Output wave type		Square wave
Output frequency		25HZ $\pm 2\%$
Start time		<200nS

Common Characteristic

Efficiency	rated power, input	60% typical
Switching frequency		80KHz Typical Max 110KHz
Operating temperature		Breeze of Nature $-10^{\circ}\text{C} \sim +55^{\circ}\text{C}$
Storage temperature		$-25^{\circ}\text{C} \sim +105^{\circ}\text{C}$
Max case temperature		$+90^{\circ}\text{C}$
Relative humidity		10%~90%
case material		Aluminium Six side shield (optional)
Isolation Voltage		Input to Output 500VDC $\leq 0.5\text{mA}/1$
		Input to case 500VDC $\leq 0.5\text{mA}/1$ minute
MTBF		2×10^5 Hrs

Models

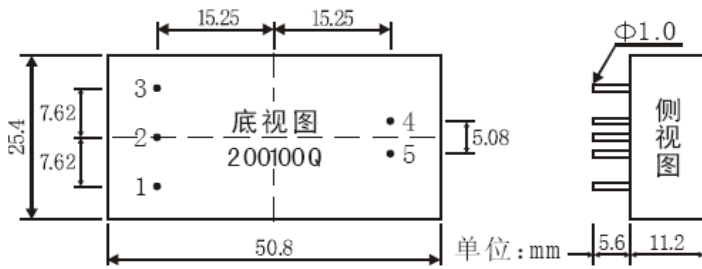
TYPE	Input voltage range	Output V / A					
		Vo1		Vo2		Vo3	
		V	mA	V	mA	V	mA
NQ3-5S75	5V (4.75~5.25VDC)	75Vac	40				

NQ3-6S75	6V (5.7~6.3VDC)	75Vac	40				
NQ3-12S75	12V (11.4~12.65VDC)	75Vac	40				
NQ3-15S75	15V (14.25~15.7VDC)	75Vac	40				
NQ3-24S75	24V (22.8~25.2VDC)	75Vac	40				
NQ3-48S75	48V (45.6~50.4VDC)	75Vac	40				

Dimension and pin definition

Bottom View

Side View



Pin	1	2	3	4	5
Single	+Vin	REM	-Vin	+Vout	-Vout