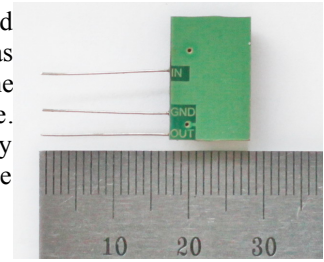


PN3-400-0.1M Voltage converter module

PN3-400-0.1M is miniature high voltage power supply module. The module is designed for PCB mounting in portable radiation control equipment. Small package size as low as 17*4*11mm is achieved through the use of modern and stable electronic components. The PN3-400-0.1M module withstands short-circuit and 200% overload for any period of time. Main features of the PN3-400-0.1M module are low quiescent current and high efficiency over wide range of output current. Different output voltages in 50 – 900V range available by order.



Specifications at 3,0 V input voltage and +25°C ambient temperature.

Parameter	Min.	Typ.	Max.	Notes
Input voltage, V	2,7	3	5,5	
Quiescent current, uA		7	10	
Start-up time, s		1	2	
Output voltage, V	380	400	420	Input voltage 2,7...5,5V Temperature -20°C...+60°C
Output voltage ripple, V		6	10	
Output current, uA			100	
Efficiency, %	55 50	60 55		Output current 100 uA Output current 0,2 uA
Weight, g		1,5	1,8	
Ambient temperature (working), °C	-20	25	60	
Ambient temperature (storage), °C	-40		85	

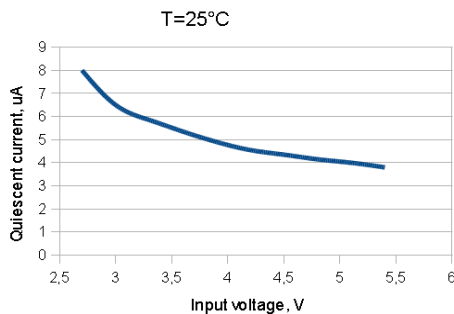


Fig. 1. Typical quiescent current vs. Input voltage

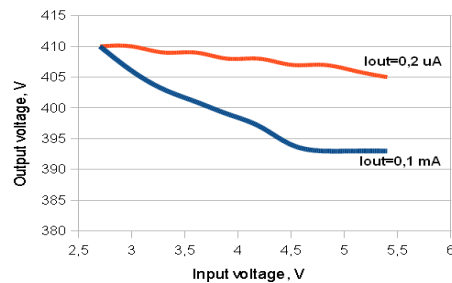


Fig. 2. Typical output voltage vs. Input voltage