

# 10W DC/DC Series



- High reliability
- Built-in EMI filter
- 100% full load burn-in test
- Protections: overload/ short circuit
- 1 year warranty
- F601 100 x 58 x 31(mm)

DC input voltage ..... 12VDC, 24VDC, 48VDC, 90VDC, 110VDC  
 Line regulation (full load) .....  $\leq \pm 0.5\%$   
 Load regulation .....  $V_1: \leq \pm 0.5\%, V_2: \leq \pm 3\%$  (with regulator);  
 $\leq \pm 6\%$  (without)  
 Output voltage adjust range ..... single output:  $\pm 10\%$ , multi-output:  $V_1: \pm 5\%$   
 Output overload protection ..... 110~150%  
 Withstand voltage ..... I/P-O/P: 1.0KVDC/1min; I/P-F/G: 1.0KVDC/1min  
 O/P-F/G: 0.5KVDC/1min  
 Isolation resistance .....  $> 100M\Omega @ 500VDC$   
 Operating temp. & humidity .....  $-10^\circ C \sim +50^\circ C, 20\% \sim 90\% RH$  (non condensing)  
 Storage temp. & humidity .....  $-20^\circ C \sim +85^\circ C, 20\% \sim 95\% RH$  (non condensing)  
 Safety standards ..... design refer to LVD  
 EMC standards ..... design refer to EN55022, EN61000-4  
 Cooling method ..... convection

Model	DC Output		R&N	Efficiency
HF10W-SD**-5	5V	2.0A	80mV	70%
HF10W-SD**-12	12V	1.0A	120mV	72%
HF10W-SD**-24	24V	0.5A	150mV	76%
HF10W-DD**-A	5V	0.20~1.8A	60mV	68%
	12V	0.10~0.5A	100mV	
HF10W-DD**-B	5V	0.20~1.8A	60mV	69%
	24V	0.05~0.3A	150mV	

\*\*means DC input voltage, such as 12, 24, 48, 90, 110, etc.

## Drawing

