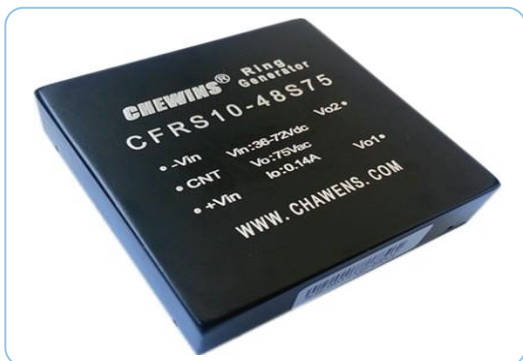


CFRS4-10 Series

DC-AC module converter



典型性能 FEATURES

- ◆ 4~10VA功率输出 (4~10 VA of Output Power)
- ◆ 宽电压输入 (2:1 Wide Input Range)
- ◆ 正弦波输出 (Sine Wave Output)
- ◆ 低失真度 (Low THD)
- ◆ 输入过, 欠压保护 (Input Overvoltage、Undervoltage Protection)
- ◆ 带有遥控和输出调节功能 (Control and Trim Functions)

电气特性

ELECTRICAL SPECIFICATIONS

输入特性Input	Min	Nom	Max	Notes
输入电压Vdc	18	24	36	
Input Voltage	36	48	75	
遥控		On		CNT悬空或与-Vin相连
Control		Off		CNT与+Vin相连

输出特性Output

输出电压精度Vac			±5Vac	
Setpoint Accuracy				
源效应			±0.5%	
Line Regulation				
负载效应			±1%	
Load Regulation				
频率	22Hz	25Hz	28Hz	
Frequency				
总谐波失真度		±2%	±5%	
Total Harmonic Distortin				

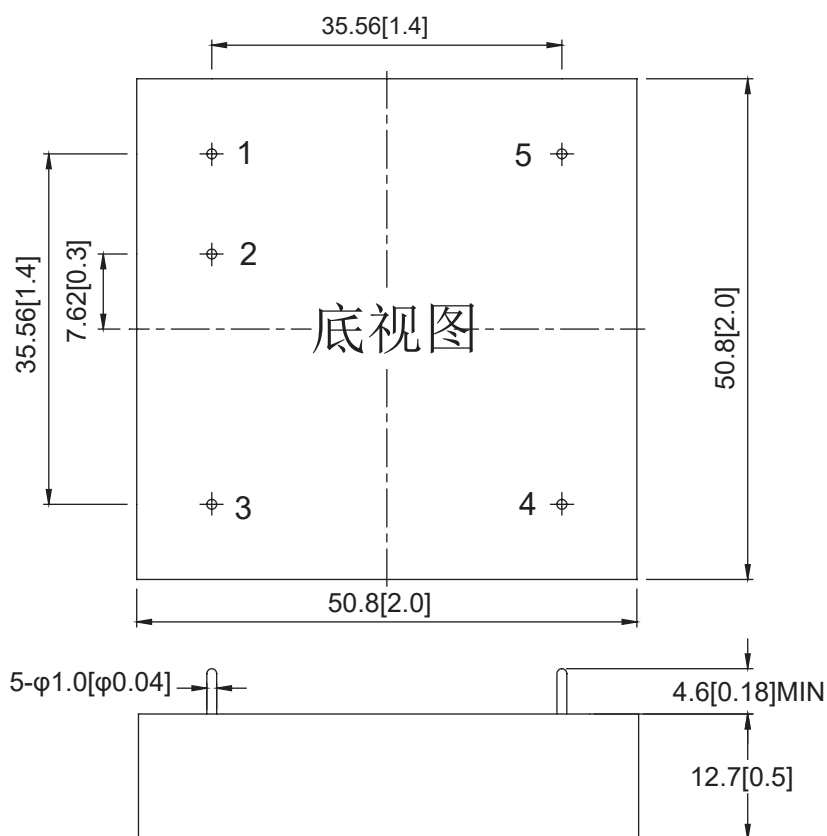
综合特性General

隔离电压		1500Vdc/1min/0.5mA	Input-Output
Isolation Voltage			
开关频率		250KHz	
Switching Frequency			
MTBF		1×10 ⁶ h	Bellcore TR332,25℃
工作环境温度 (满载不降额)	-40℃	+70℃	Industry 工业级
Case Temperature	-40℃	+70℃	Military GS 军品筛选级
	-40℃	+70℃	Military PJ 普军级
储存温度		+125℃	
Storage Temperature	-55℃		
相对湿度	10%	90%	
Relative Humidity			
短路保护	短路自恢复		
Short-Circuit Protection	Continuous, Automatic Recovery		

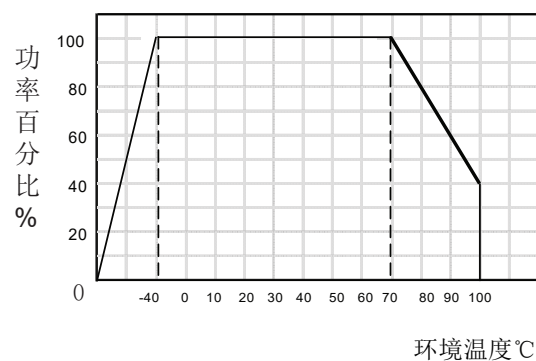
	型号 Model	输入电压(Vdc) Input Voltage	输出电压(Vac) Output Voltage	输出电流(A) Output Current	效率 Efficiency
4W	CFRS4-24S75	18~36	75	0.05	63%
	CFRS4-48S75	36~72	75	0.05	63%
5W	CFRS5-24S75	18~36	75	0.07	65%
	CFRS5-48S75	36~72	75	0.07	70%
10W	CFRS10-24S75	18~36	75	0.13	75%
	CFRS10-48S75	36~72	75	0.13	78%

机械图及管脚说明

(MECHANICAL CHART, PINS) (Unit:mm/inch)



环境温度降额曲线图:



管脚	Pin	1	2	3	4	5
功能	Function	+Vin	CNT	-Vin	Vo2	Vo1