

XTQ3A

Series



输入特性Input

	Min	Nom	Max	Notes
输入电压Vac Input Voltage	85(100Vdc)	220	265(375Vdc)	W
输入频率Hz Input Frequency	45		65	

输出特性Output

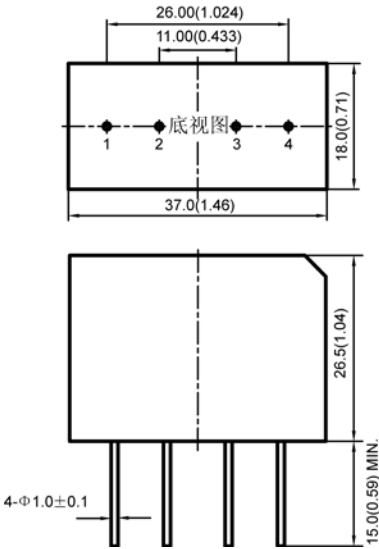
输出电压精度 Setpoint Accuracy	$\pm 1\%$			
源效应 Line Regulation	$\pm 0.2\%$			
负载效应 Load Regulation	$\pm 0.5\%$			
纹波与噪声 Ripple and Noise	150mVp-p			Co=100uF
温度系数 Temperature Coefficient	$\pm 0.1\%/^{\circ}\text{C}$			

综合特性General

隔离电压 Isolation Voltage	2500Vac/1min/5mA			Input-Output
	1500Vac/1min/5mA			Input-Output*
开关频率 Switching Frequency	60KHz			
MTBF	$3 \times 10^5\text{h}$			Bellcore TR332,25°C
工作壳温 Case Temperature	-10°C	+70°C	Commercial 商用级	
	-25°C	+85°C	Industry 工业级	
	-40°C	+85°C	Military AD 军品AD级	
	-40°C	+85°C	Military AG 军品AG级	
储存温度 Storage Temperature	-40°C			+105°C
相对湿度 Relative Humidity	10%			90%
短路保护 Short-Circuit Protection	短路自恢复 Continuous, Automatic Recovery			

型号 Model	输入电压(Vac) Input Voltage	输出电压(Vdc) Output Voltage	输出电流(A) Output Current	效率 Efficiency
XTQ3A-5-WS	85~265	5.05	0.6	60%
XTQ3A-12-WS	85~265	12	0.25	62%
XTQ3A-15-WS	85~265	15	0.2	62%
XTQ3A-24-WS	85~265	24	0.125	62%

产品示意图



管脚定义

定义	1	2	3	4
说明	L	N	-Vo	+Vo