

UT71D 测试报告

使用测量设备: FLUKE5522A

环境温湿度: 23℃/65%

功能	量程	输入	准确度	误差范围	实际测量值	测量结果
DCV	400mV	350.00mV	± (0.025%+5)	349.86~350.14mV	350.02mV	Pass
	4V	3.5000V	± (0.05%+5)	3.4977~3.5023V	3.5000V	Pass
	40V	35.000V		34.977~35.023V	34.998V	Pass
	400V	350.00V		349.77~350.23V	350.02V	Pass
	1000V	1000.0V	± (0.1%+8)	998.2~1001.8V	1000.0V	Pass
ACV	4V	3.5000V/60HZ	± (0.4%+30)	3.4830~3.5170V	3.5002V	Pass
		3.5000V/5KHZ	± (1.5%+30)	3.4445~3.5555V	3.5210V	Pass
		3.5000V/100KHZ	± (6%+30)	3.2870~3.7130V	3.5990V	Pass
	40V	35.000V/50HZ	± (0.4%+30)	34.830~35.170V	35.002V	Pass
		35.000V/10KHZ	± (1.5%+30)	34.445~35.555V	35.018V	Pass
		35.000V/100KHZ	± (6%+30)	32.870~37.130V	36.020V	Pass
	400V	350.00V/60HZ	± (0.4%+30)	348.30~351.70V	350.10V	Pass
		350.00V/5KHZ	± (5%+30)	332.20~367.80V	352.12V	Pass
		350.00V/10KHZ			353.08V	Pass
	1000V	1000V/60HZ	± (1%+30)	987.0~1013.0V	1000.2V	Pass
		1000V/5KHZ	± (5%+30)	947.0~1053.0V	1002.0V	Pass
		1000V/10KHZ	± (10%+30)	897.0~1103.0V	1020.5V	Pass
DCA	400uA	350.00uA	± (0.1%+15)	349.50~350.50uA	349.96uA	Pass
	4000uA	3500.0uA		3495.0~3505.0uA	3500.2uA	Pass
	40mA	35.000mA	± (0.15%+15)	34.460~35.540mA	35.001mA	Pass
	400mA	350.00mA		344.60~355.40mA	350.03mA	Pass
	10A	10.000A	± (0.5%+30)	9.920~10.080A	10.008A	Pass
ACA	400uA	350.00uA/50HZ	± (0.7%+15)	347.40~352.60uA	350.01uA	Pass
		350.00uA/5KHZ	± (1%+40)	346.10~353.90uA	350.10uA	Pass
		350.00uA/10KHZ			350.19uA	Pass
	4000uA	3500.0uA/60HZ	± (0.7%+15)	3474.0~3526.0uA	3500.0uA	Pass
		3500.0uA/5KHZ	± (1%+40)	3461.0~3539.0uA	3502.0uA	Pass
		3500.0uA/10KHZ			3503.1uA	Pass
	40mA	35.000mA/50HZ	± (0.7%+15)	34.740~35.260mA	35.002mA	Pass
		35.000mA/5KHZ	± (1%+40)	34.610~35.390mA	35.100mA	Pass
		35.000mA/10KHZ			35.120mA	Pass
	400mA	350.00mA/60HZ	± (0.7%+15)	347.40~352.60mA	350.02mA	Pass
		350.00mA/5KHZ	± (1%+40)	346.10~353.90mA	351.20mA	Pass
		350.00mA/10KHZ			351.99mA	Pass
	10A	10.000A/60HZ	± (1.5%+20)	9.830~10.170A	10.002A	Pass
		10.000A/5KHZ	± (5%+40)	9.460~10.540A	10.010A	Pass
		10.000A/10KHZ			10.099mA	Pass

检验员:张琼

审核员:郭桂余



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功能	量程	输入	准确度	误差范围	实际测量值	测量结果
AC+DC	4V	2V 60Hz Offset 2V	$\pm (1.4\%+65)$	2.7819~2.8749V	2.8290V	合格
	40V	3.5V 60Hz Offset -3V		4.480~4.740V	4.635V	合格
Ω	400 Ω	350.00 Ω	$\pm (0.3\%+8)$	348.87~351.13 Ω	350.02 Ω	Pass
	4K Ω	3.5000K Ω		3.4887~3.5113K Ω	3.4998K Ω	Pass
	40K Ω	35.000K Ω		34.887~35.113K Ω	35.002K Ω	Pass
	400K Ω	350.00K Ω	$\pm (0.5\%+20)$	348.05~351.95K Ω	349.96K Ω	Pass
	4M Ω	3.5000M Ω	$\pm (1\%+40)$	3.4610~3.5390M Ω	3.5006M Ω	Pass
	40M Ω	35.000M Ω	$\pm (1.5\%+40)$	34.435~35.565M Ω	34.980M Ω	Pass
CAP	40nF	35.000nF	$\pm (1\%+20)$	34.630~35.370nF	35.002nF	Pass
	400nF	350.00nF		346.30~353.70nF	349.90nF	Pass
	4uF	3.5000uF		3.4630~3.5370uF	3.4990uF	Pass
	40uF	35.000uF		34.630~35.370uF	35.000uF	Pass
	400uF	350.00uF	$\pm (1.2\%+20)$	345.60~354.40uF	349.90uF	Pass
	4mF	3.5000mF	$\pm (5\%+20)$	3.3230~3.6770mF	3.4960mF	Pass
HZ	40HZ	35.00HZ	$\pm (0.01\%+8)$	34.988~35.012HZ	35.001HZ	Pass
	400HZ	350.00HZ		349.88~350.12HZ	349.99HZ	Pass
	4KHZ	3.5000KHZ		3.4988~3.5012KHZ	3.5000KHZ	Pass
	40KHZ	35.000KHZ		34.988~35.012KHZ	34.999KHZ	Pass
	400KHZ	350.00KHZ		349.88~350.12KHZ	350.01KHZ	Pass
	4MHZ	3.5000MHZ		3.4988~3.5012MHZ	3.4998MHZ	Pass
	40MHZ	35.000MHZ		34.988~35.012MHZ	35.002MHZ	Pass
占空比	5Hz~2kHz (10%~90%)	10%/10V p-p 1kHz	只供参考		10%	Pass
		90%/10V p-p 1kHz			90%	Pass
%	4~20mA	10%/DC 5.6mA	$\pm (1\%+50)$	9.40~10.60%	10%	Pass
		90%/DC 18.4mA		88.60~91.40%	90%	Pass
		HI/DC 21mA		HI	HI	Pass
℃	-40~1000℃	1000.0℃	$\pm 2.5\%$	975.0~1025.0℃	1000.8℃	Pass
° F	-40° F~1832° F	1832.0° F	$\pm 3\%$	1777.0~1887.0° F	1830.2° F	Pass
Diode		IN4007		0.5~0.8V	0.6V	Pass
通断测试		10 Ω		发声	发声	Pass

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