


TL 96

TL 99

TL 100
TECHNICAL SPECIFICATIONS

DC V	200mv/2V/20V/200V/1000V	600mv/6V/60V/600V/1000V	220mv/2.2V/22V/220V/1000V
AC V	200mv/2V/20V/200V/750V	6V/60V/600V/750V	220mv/2.2V/22V/220V/750V
DC A	200uA/2000uA/20mA/200Ma/20A	600uA/6000uA/60mA/600mA/6A/10A	220uA/2200uA/22mA/220mA/10A
AC A	20mA/200mA/20A	600uA/6000uA/60mA/600mA/6A/10A	220uA/2200uA/22mA/220mA/10A
Resistance	200Ω/2k Ω /20k Ω /200k Ω / 2M Ω /20M Ω /200M Ω	600 Ω/6k Ω/60k Ω/600k Ω/6MΩ /60MΩ	220 Ω /2.2k Ω /22k Ω /220k Ω / 2.2M Ω /22M Ω /220M Ω
Capacitance	20nF/200nF/2uF/20uF/200uF/2mF	60nF/600nF/6uF/60uF/600uF/6mF/60mF	22nF/220nF/2.2uF/22uF/220uF/2.2mF/22mF/220mF
Frequency	200Hz ~ 2MHz	10Hz/100Hz/1kHz/10kHz 100kHz/1MHz/30MHz	22Hz/220Hz/22kHz/220kHz 2.2MHz/22MHz/50MHz
Temperature		-20°C~400°C, 400°C~1000°C	-20°C~400°, 0°C~1000°C
Conductance	0.1~100ns	✓	-
Max Display	1999 (4½ Digits)	5999 (3 5/6 Digits)	22000 (4½ Digits)
Simulated Bar	-	✓ (Paragraph 61)	✓ (Paragraph 46)
Transistor test	✓	✓	-
Live	-	✓	-
NCV	-	✓	-
USB	-	✓	✓
Max/min	-	✓	✓
Diode	✓	✓	✓
On/Off buzzing	✓	✓	✓
Relative value	✓	✓	✓
Data retention	✓	✓	✓
Backlight	✓	✓	✓
Low voltage	✓	✓	✓
Over range	Display "OL"	Display "OL"	Display "OL"
Auto shutdown	About 15 minutes	Shutdown About 15 minutes of inactivity	Shutdown About 15 minutes of inactivity
Sampling rate	2.8 times / second	3 times / second	2 times / second
Work environment	(0-40)°C < 75%RH	(0-40)°C, Relative humidity < 80%RH	(0-40)°C, Relative humidity < 80%RH
Storage environment	(-20~60)°C < 85%RH	(-10~50)°C < 80%RH	(-10~50)°C < 80%RH
Size	189 x 88 x 56 mm	189 x 88 x 56 mm	189 x 88 x 56 mm
Weight	400g	423g	423g