

**AC-DC REGULATED SWITCHING POWER ADAPTER SPECIFICATION**

MODEL NO.	TD-102	ISSUE DATE	2012-03-30
CUSTOMER		REF. NO.	

**INPUT**

INPUT VOLTAGE	100 to 240 Vac
INPUT FREQUENCY	50/ 60 Hz
NO LOAD POWER CONSUMPTION	<0.3 W
INPUT FULL LOAD CURRENT	0.16 A

**OUTPUT**

LIGHT LOAD OUTPUT VOLTAGE	5.0 V dc +5%
FULL LOAD OUTPUT VOLTAGE	5.0 V dc $\pm$ 5%
MIN LOAD OUTPUT CURRENT	0 A
MAX LOAD OUTPUT CURRENT	1.0 A
LINE REGULATION	0.5 % Input 90 to 264 Vac output loaded at full load
SETUP,RISE,HOLD UPTIME	200ms,30ms,17ms/115Vac; 200ms,20ms,80ms/230Vac

**OVERALL PERFORMANCE**

TOTAL OUTPUT POWER	5.0 W Max
EFFICIENCY	COMPLIED with EUP

**PROTECTION**

<input checked="" type="checkbox"/> OVER CURRENT PROTECTION	<input checked="" type="checkbox"/> SHORT CIRCUIT PROTECTION
<input checked="" type="checkbox"/> OVER VOLTAGE PROTECTION	<input checked="" type="checkbox"/> L.P.S (Limits for power source)
<input checked="" type="checkbox"/> OVER POWER PROTECTION	<input type="checkbox"/> AUTOMATIC THERMAL PROTECTION

**HI-POT**

INPUT TO OUTPUT	3000Vac 5 mA 50/60 Hz
INPUT TO CASE	3000Vac 5 mA 50/60Hz
OUTPUT TO CASE	1500 Vac 5 mA 50/60Hz
ISOLATION RESISTANCE	100 M Ohms I/P-O/P I/P/Enclosure
APPLIANCE	CLASS I <input type="checkbox"/> II <input checked="" type="checkbox"/> III <input type="checkbox"/>

**ENVIRONMENTAL**

OPERATING TEMPERATURE	0 °C to 35 °C
STORGE TEMPERATURE	-20 °C to 60 °C
OPERATING HUMIDITY	20%-85% RH. NON-CONDENSING
STORGE HUMIDITY	10%-90% RH. NON-CONDENSING

**SAFFTY STANDARDS**

SAFETY STANDARDS	GS
EMC STANDARDS	CE

**RELIABILITY**

MTBF	50000 Hours min
BURN-IN	4 Hours 25°C, full load, 220Vac, 50Hz

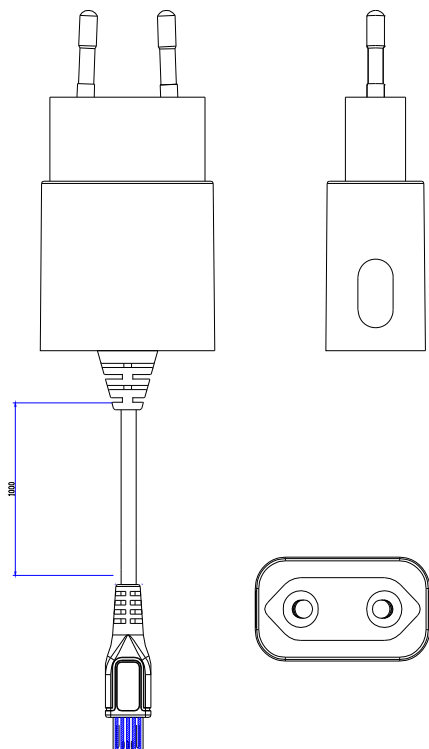
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**MECHANICAL SPECIFICATION**

DIMENSION	74.3 mm(L) * 39.6 mm(W) * 22.6mm(H)
WEIGHT	40g MAX exclude packing
INPUT CORD	
INPUT PLUG	EU
OUTPUT CORD	1M
OUTPUT PLUG	MICRO USB
OUTPUT CONNECTOR	

**APPEARANCE & DIMENSIONS**



APPROVE:

AUDITING:

CONNER: