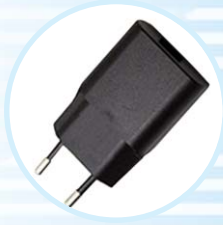
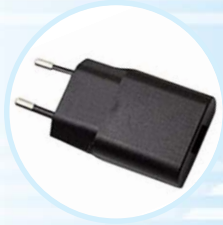
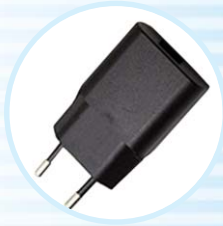




ISO 9001:2008
REGISTERED



5 Watts, Wall Plug-In, AC/DC Switching Adapter with USB



INPUT VOLTAGE:

SPECIFIED 90-264 VAC, NAMEPLATE RATED: 100-240VAC

INPUT FREQUENCY:

SPECIFIED 47-63 HZ, NAMEPLATE RATED 50-60HZ

LINE VOLTAGE REGULATION:

±5%

LOAD REGULATION:

±5%

RIPPLE AND NOISE:

300MVP-P MAXIMUM, AT 20 MHZ, AND OUTPUT PARALLEL WITH 0.1UF & 10UF CAPACITORS TO GROUND TEMPERATURE AT 25 °C, AND NOMINAL AC INPUT VOLTAGE

TURN-ON DELAY:

3 SECOND MAX

INRUSH CURRENT:

AT FULL LOAD, 25°C, COLD START

SWITCHING FREQUENCY:

100 KHZ TYPICAL, VARIES WITH LINE AND LOAD

EFFICIENCY:

73.77% MINIMUM AT NOMINAL INPUT VOLTAGE AVERAGE, EFFICIENCY MEET CEC V, ERP: 2009/125/EC

PROTECTION

OVER-CURRENT PROTECTION:

1.5A MAXIMUM WITH AUTO-RECOVERY FUNCTION

OVER-VOLTAGE PROTECTION: 10VDC MAXIMUM WITH ZENER CLAMP

SHORT-CIRCUIT PROTECTION:

THE ADAPTER SHALL NOT BE DAMAGED BY SHORT THE DC OUTPUT TO GROUND.

SAFETY

DIELECTRIC WITHSTAND VOLTAGE:

PRIMARY TO SECONDARY: 3000VAC 10MA 1MINUTE OR 4242VDC 10MA 1MINUTE

LEAKAGE CURRENT:

20UA MAXIMUM, AT NOMINAL AC INPUT VOLTAGE AND FREQUENCY ESD IMMUNITY PER EN61000-4-2, ±8 KV CONTACT, ±15 KV AIR, PERF CRITERIA A STANDARD.

OTHER:

MTBF:

200,000 HOURS @ 25°C AMBIENT TEMPERATURE

OPERATING TEMPERATURE:

0°C TO 50°C AMBIENT TEMPERATURE

OPERATING HUMIDITY:

20 ~ 85 % RH. NON-CONDENSING

STORAGE TEMPERATURE:

-20°C TO 60°C

STORAGE HUMIDITY:

5 ~ 95 % RH. NON-CONDENSING

COOLING:

COOLING SHALL BE WITH NATURAL CONVECTION COOLING

ROHS 2:

COMPLIES WITH EU 2011/65/EU CHINA SJ/T 11364-2014

OUTPUT VOLTAGE / CURRENT:

MODEL NUMBER	OUTPUT VOLTAGE (VDC)	OUTPUT CURRENT (A)	RATED OUTPUT POWER (W)
GT-83083-USB-W2E	+5.0	0 - 1.0	5





36 Watts, Wall Plug-In, AC/DC Switching Adapter with USB

ENCLOSURE

HOUSING: HIGH IMPACT PLASTIC, 94V0 POLYCARBONATE, NON-VENTED
MARKINGS: LABEL AND/OR PAD PRINTED AND/OR MOLDED IN THE CASE



INPUT CONFIGURATION:

EUROPEAN CEE 7/16 CONFIGURATION: EUROPLUG 2 PIN

THE PRONGS OF THE EUROPLUG ARE 19 MM LONG. THEY CONSIST OF A 9 MM LONG CONDUCTIVE TIP OF 4 MM DIAMETER WITH A ROUNDED ENDING, FOLLOWED BY A 10 MM LONG FLEXIBLE INSULATED SHAFT OF NOT MORE THAN 3.8 MM DIAMETER. THE TWO PRONGS ARE NOT EXACTLY PARALLEL AND CONVERGE SLIGHTLY; THEIR CENTRES ARE 19 MM APART AT THE TIP AND 18.6 MM APART AT THE BASE. THE ELASTICITY OF THE CONVERGING PRONGS PROVIDES SUFFICIENT CONTACT FORCE FOR THE EUROPLUG'S CURRENT RATING WITH A VARIETY OF SOCKET-HOLE ARRANGEMENTS. THE ENTIRE PLUG IS 35.3 MM WIDE AND 13.7 MM HIGH, AND MUST NOT EXCEED THESE DIMENSIONS WITHIN 18 MM BEHIND ITS FRONT PLANE (THIS ALLOWS FOR THE RECESSES ON MANY EUROPEAN SOCKET TYPES). THE LEFT AND RIGHT SIDE OF THE PLUG ARE FORMED BY SURFACES THAT ARE AT 45° RELATIVE TO THE HORIZONTAL PLAN.

