



ISO 9001:2000  
REGISTERED



**5 Watts, Wall Plug-In, Switchmode Power Supply, N.A.,  
European, U.K., SAA Universal Input, ITE, Class II**

**MTBF=200K  
Hours!**



**ELECTRICAL SPECIFICATIONS**

**INPUT VOLTAGE:**  
100-240 VAC

**INPUT CURRENT:**  
< 0.3 A RMS MAX

**INPUT FREQUENCY:**  
50 - 60 HZ

**OUTPUT CURRENT:**  
NO LOAD TO FULL LOAD, NO MINIMUM LOAD REQUIRED

**OUTPUT POWER (RATED):**  
6 WATTS MAX

**OUTPUT RIPPLE (PEAK TO PEAK):**  
100 mV OR 1% OF OUTPUT VOLTAGE,  
WHICHEVER IS HIGHER

**OUTPUT REGULATION (LINE/LOAD):**  
5 % FOR MAIN OUTPUT, MEASURED AT O/P CONNECTOR

**LINE REGULATION:**  
+1% MAX AT FULL LOAD

**TURN ON/ TURN OFF OVERTHOOT:**  
5% MAX 500µS MAX RECOVERY TIME FOR 25% STEP LOAD

**TURN-ON DELAY:**  
3000 mSEC MAX

**HOLD-UP TIME:**  
5 mSEC MIN AT NOMINAL INPUT AND FULL LOAD

**INRUSH CURRENT:**  
30 A MAX AT COLD START 120 VAC, 60A MAX COLD  
START 230VAC

**SWITCHING FREQUENCY:**  
66.5 KHz TYPICAL

**OVER-VOLTAGE PROTECTION:**  
VOLTAGE LIMITED LESS 150% OF NOMINAL VOLTAGE

**OVER-CURRENT / SHORT CIRCUIT:**  
HICCUP WITH AUTO RECOVERY TO 1.1 - 1.3 IO

**OTHER PROTECTION:**  
INPUT FUSING

**SAFETY APPROVALS (PENDING):**

UL 60950-1, CUL TO 22.2# 60950-1, SIQ TO EN60950-1,  
CCC TO GB4943-2001, GB9254-1998, GB17625.1-2003, CE  
CLASS II, PSE TO J60950, CB REPORT

**DIELECTRIC WITHSTAND VOLTAGE:**  
4242VDC PRIMARY-SECONDARY

**LEAKAGE CURRENT:**  
< 3.5 mA @ 240VAC

**EMI:**  
COMPLIES WITH EN55022 CLASS B AND FCC PART 15 CLASS  
B WHEN TESTED WITH A RESISTIVE LOAD, BOTH CONDUCT-  
ED AND RADIATED EMI.

**CE MARK:**  
TESTED TO COMPLY WITH EN61000-3-2 EN61000-3-3 AND  
EN50082-1, INCLUDING EN61000-4-2, EN61000-4-3, EN61000-4-  
4, EN61000-4-5, EN61000-4-6, EN61000-4-11.

**EFFICIENCY:**  
COMPLIES WITH ENERGY STAR (NORTH AMERICA),  
CECP (CHINA), MEPS (AUSTRALIA), CODE OF  
CONDUCT (EUROPE)

**MTBF:**  
GREATER THAN 200,000 HOURS AT 25°C AMBIENT  
TEMPERATURE

**OPERATING TEMPERATURE:**  
0°C TO 40° C

**STORAGE TEMPERATURE:**  
-40°C TO 80° C

**HUMIDITY:**  
0% TO 90% RELATIVE HUMIDITY

**NOTES:**

1. EACH OUTPUT CURRENT MAY VARY WITHIN IT'S DESIGNA-  
TION RANGE, AS LONG AS OUTPUT POWER IS NOT  
EXCEEDED.
2. SINGLE OUTPUT MAY VARY FROM 3VDC-24VDC IN 0.1V  
INCREMENTS
3. (-.Y.Y) OPTIONAL FOR SPECIFYING OUTPUT VOLTAGE DEVI-  
ATION FROM LISTED RATINGS. SUBTRACT Y.Y FROM RATED  
VOLTAGE.

**OUTPUT VOLTAGE / CURRENT:**

MODEL NUMBER	PART NUMBER	OUTPUT VOLTAGE (VDC)	OUTPUT CURRENT (A)	RATED OUTPUT POWER (W)	COUNTRY
GT-81082-0506.5-USB-W2A	WR97A1000USB-F(R)	+5.0	0 - 1.0	0 - 5.0	Australia/NZ
GT-81082-0506.5-USB-W2E	WR93A1000USB-F(R)	+5.0	0 - 1.0	0 - 5.0	Europe
GT-81082-0506.5-USB-W2K	WR9U7A1000USB-F(R)	+5.0	0 - 1.0	0 - 5.0	Korea
GT-81082-0506.5-USB-W2	WR92A1000USB-F(R)	+5.0	0 - 1.0	0 - 5.0	North America/Japan/China
GT-81082-0506.5-USB-W2U	WR94A1000USB-F(R)	+5.0	0 - 1.0	0 - 5.0	UK

SPECIFICATIONS MAY CHANGE WITHOUT PRIOR NOTICE. CONSULT GLOBTEK CUSTOMER SERVICE FOR LATEST SPECIFICATIONS.



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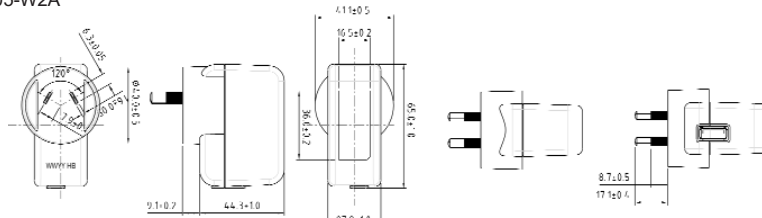
ENCLOSURES

UPPER & LOWER HOUSING: HIGH IMPACT PLASTIC, 94V0 POLYCARBONATE, NON-VENTED, COLOR BLACK



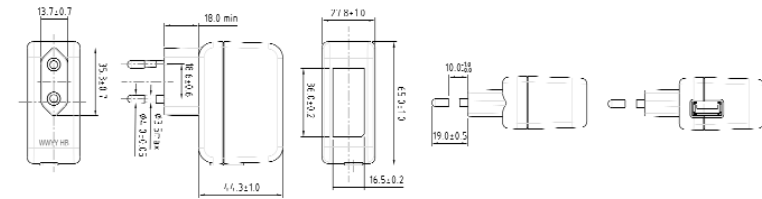
GT-81082-0505-W2A

Australia/NZ



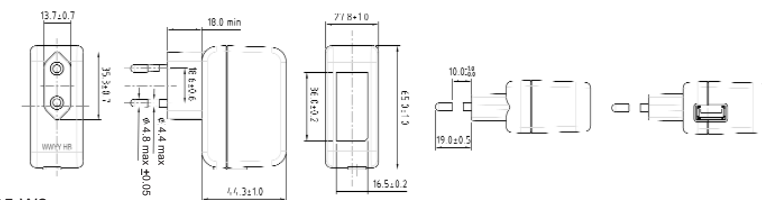
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Europe



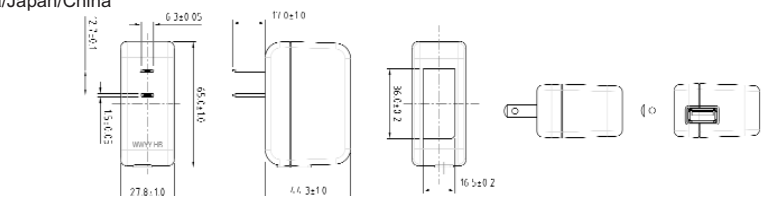
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Korea



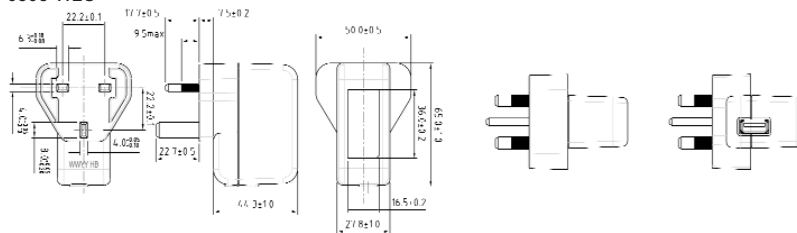
GT-81082-0505-W2

North America/Japan/China



GT-81082-0505-W2U

UK



OUTPUT CONFIGURATION:

USB, TYPE A,

PIN 1 = +V

PIN 4 = COM

