



ISO 9001:2008
REGISTERED

GT-41078-XXXX-USB



**5 Watts, Wall Plug-In Switching Power Supply,
N.A., EURO, UK, SAA Universal Input, ITE, Class II, Level V**



ELECTRICAL SPECIFICATIONS:

INPUT VOLTAGE:
90-264 VAC

INPUT CURRENT:
0.2 A RMS MAX

INPUT FREQUENCY:
47 - 63 HZ

OUTPUT VOLTAGE:
5.0 VDC

OUTPUT CURRENT:
1.0 A, NO MINIMUM LOAD REQUIRED TO MAINTAIN OUTPUT VOLTAGE REGULATION

OUTPUT POWER (RATED):
5 WATTS MAX

OUTPUT RATING:
MODEL: GT-41078-0505-USB +5.0 V DC @ 1.0 A
GT-41078-0506-USB +6.0 V DC @ 0.83 A

OUTPUT RIPPLE (PEAK TO PEAK):
1% OR 50 MV WHICHEVER IS GREATER. MEASURED AT 20 MHZ BANDWIDTH WITH 0.1 µF CERAMIC CAPACITOR IN PARALLEL WITH 10 µF ELECTROLYTIC CAPACITOR CONNECTED AT THE END OF OUTPUT CONNECTOR AT NOMINAL LINE

OUTPUT LOAD REGULATION:
+ 5 % OF NOMINAL OUTPUT VOLTAGE, MEASURED AT O/P CONNECTOR AT NOMINAL LINE

LINE REGULATION:
+ 1 % OF NOMINAL OUTPUT VOLTAGE, MEASURED AT O/P CONNECTOR

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

TURN-ON DELAY:
3000 MSEC MAX

HOLD-UP TIME:
8 MSEC MIN AT NOMINAL INPUT AND FULL LOAD

INRUSH CURRENT:
30 A MAX AT COLD START 115 VAC, 60A MAX COLD START 230VAC

SWITCHING FREQUENCY:
66.5 KHZ TYPICAL

OVER-VOLTAGE PROTECTION:

PROTECTED, UNIT WILL AUTORECOVER UPON REMOVAL OF FAULT

OVER-CURRENT / SHORT CIRCUIT:

PROTECTED, UNIT WILL AUTORECOVER UPON REMOVAL OF FAULT

OTHER PROTECTION:

INPUT LINE FUSING

SAFETY APPROVALS:

UL60950-1, CUL TO 22.2# 60950-1, SIQ TO EN60950-1 (PENDING), CCC TO GB4943-2001, GB9254-1998, GB17625.1-2003 (PENDING), CE CLASS II, PSE TO J60950 (PENDING), CB REPORT(PENDING), C-TICK TO 60950-1 (PENDING)

DIELECTRIC WITHSTAND VOLTAGE:

4242 VDC PRIMARY-SECONDARY

LEAKAGE CURRENT:

0.25 MA

EMI:

COMPLIES WITH EN55011 CLASS B AND WHEN TESTED WITH A RESISTIVE LOAD, BOTH CONDUCTED AND RADIATED EMI

CE MARK:

TESTED TO COMPLY WITH EN61000-3-2, EN61000-3-3, EN60601-1-2 2001, INCLUDING EN61000-4-2, EN61000-4-3, EN61000-4-4, EN61000-4-5, EN61000-4-6, EN61000-4-8 EN61000-4-11.

EFFICIENCY:

COMPLIES TO SECTION 301 OF ENERGY INDEPENDENCE AND SECURITY ACT (EISA) COMPLIES WITH ENERGY STAR TIER 2 (NORTH AMERICA), CECP TIER 2 (CHINA), MEPS TIER 2 (AUSTRALIA), CODE OF CONDUCT (EUROPE) 5.0 ~ 6.9V WITH 1000 MM CABLE ONLY

MTBF:

200,000 HOURS AT 25°C AMBIENT TEMPERATURE

OPERATING TEMPERATURE:

0°C TO 40° C

STORAGE TEMPERATURE:

-10°C TO 70° C

HUMIDITY:

10% TO 90% RELATIVE HUMIDITY

RoHS:

COMPLIES WITH EU 2002/95/EC AND CHINA SJ/T 11363-2006

OUTPUT VOLTAGE / CURRENT:

MODEL NUMBER	OUTPUT VOLTAGE (VDC)	OUTPUT CURRENT (A)	RATED OUTPUT POWER (W)
GT-41078-XXXX	+5.0	0 - 1.0	0 - 5

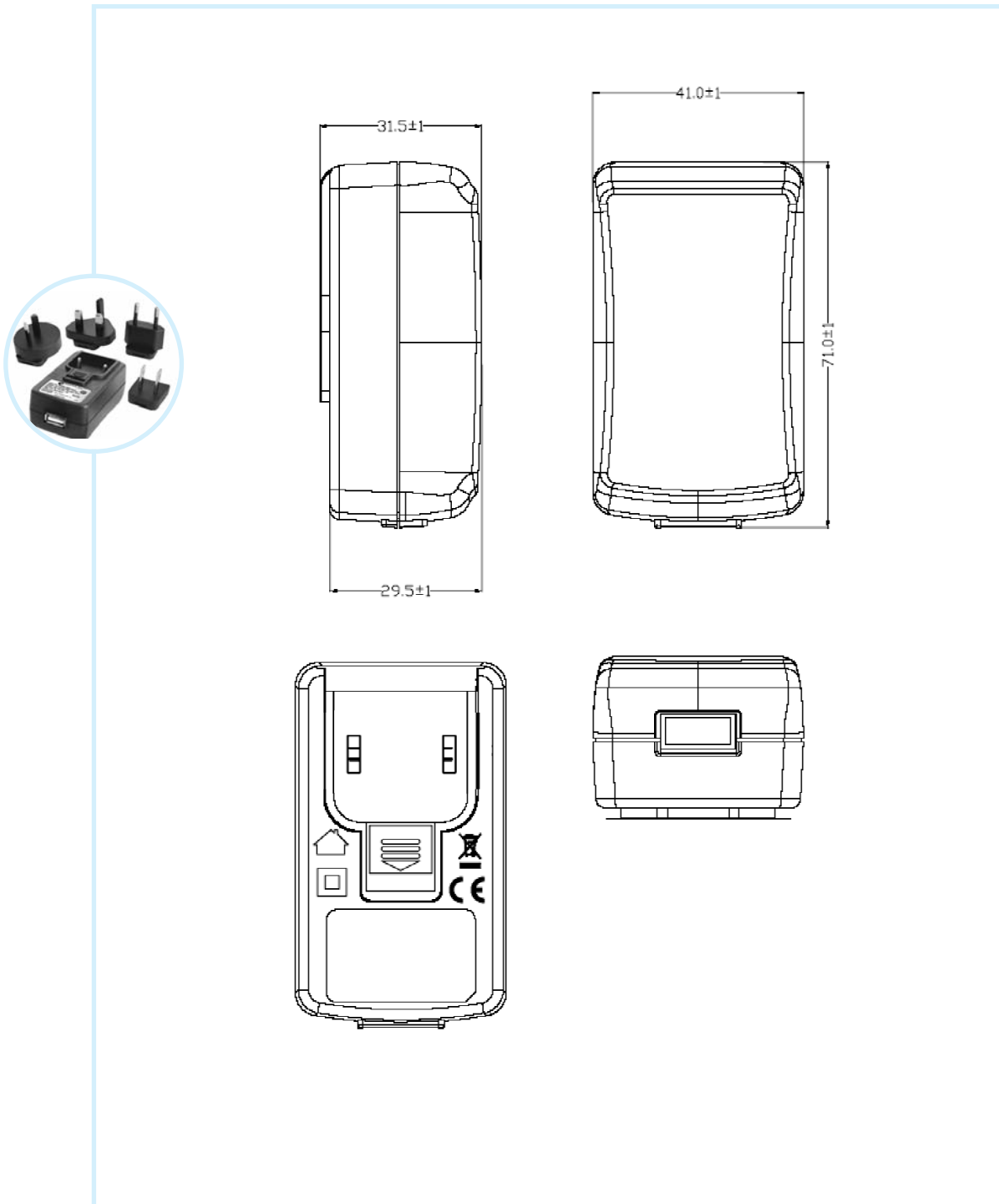
SPECIFICATIONS MAY CHANGE WITHOUT PRIOR NOTICE. CONSULT GLOBTEK CUSTOMER SERVICE FOR LATEST SPECIFICATIONS.



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ENCLOSURE

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



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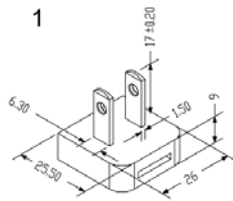


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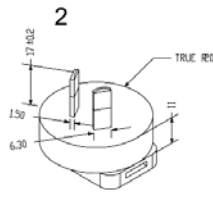
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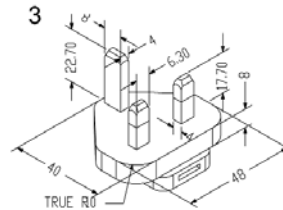
INPUT CONNECTORS OPTIONS Pins or Kits must be ordered separately		Input connector Kit options			
		Q-Kit	Q-Kit-INTL	Q-Kit-6	Q-Kit-7
1	CLASS II MODEL NEMA 1-15P AC POWER PLUG WITH 2 PRONGS, Q-NA(R)	X		X	X
2	AUSTRALIAN CONFIGURATION: SAA 2 PINS CLASS II, Q-SAA(R)	X	X	X	X
3	UK CONFIGURATION: UK 2 PINS CLASS II, Q-UK(R)	X	X	X	X
4	EUROPEAN CONFIGURATION: EUROPLUG 2 PINS, CLASS II, Q-EU(R)	X	X	X	X
5	KOREAN CONFIGURATION: Q-KR(R)			X	X
6	ARGENTINA CONFIGURATION: Q-AR(R)			X	X
7	CHINA CONFIGURATION: Q-CN(R)				X



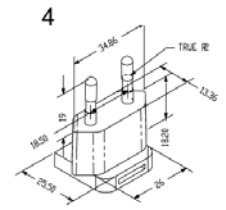
P/N: Q-NA (R)
NORTH AMERICA
JAPAN



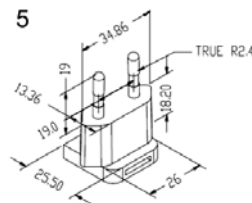
P/N: Q-SAA(R)
AUSTRALIA



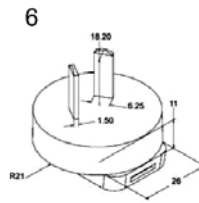
P/N: Q-UK(R)
UNITED KINGDOM
HONG KONG
SINGAPORE



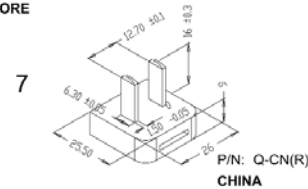
P/N: Q-EU(R)
EUROPE
SOUTH AMERICA



P/N: Q-KR(R)
KOREA



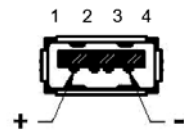
P/N: Q-AR(R)
ARGENTINA



P/N: Q-CN(R)
CHINA

5. OUTPUT CONNECTOR:

STANDARD USB "JACK", TYPE 'A' CONNECTOR, INTEGRAL TO POWER SUPPLY ENCLOSURE



PIN 1: +5V
PIN 2: N/C
PIN 3: N/C
PIN 4: COMMON