



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 μ F CERAMIC CAPACITOR
IN PARALLEL WITH 10 μ F 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 OVERSHOOT:

\pm 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, AS/NZS 60950-1:201,
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), CEC 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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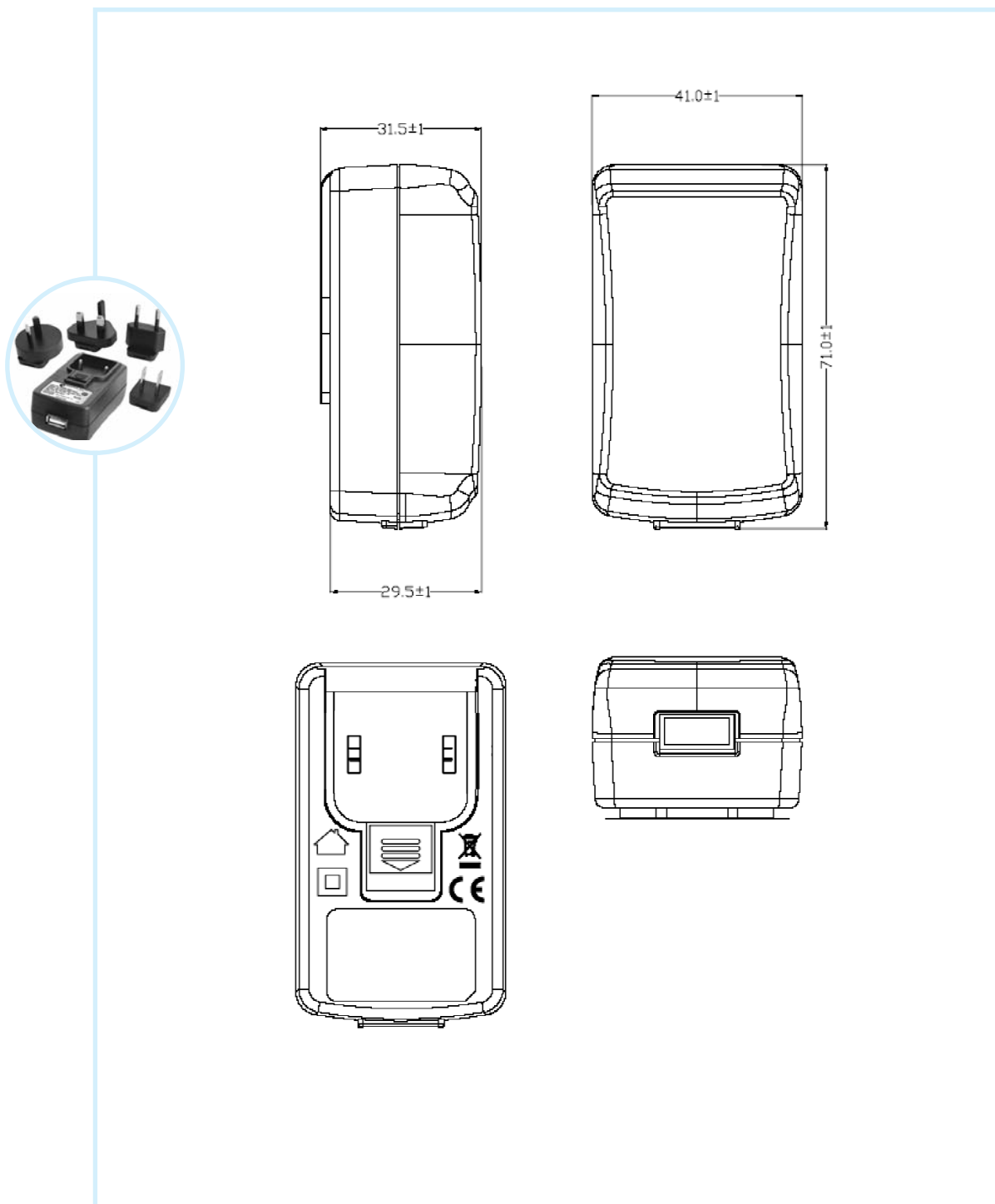
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ENCLOSURE

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



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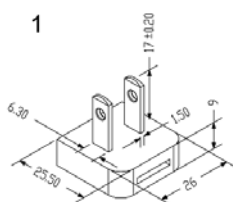
GT-41078-XXXX-USB



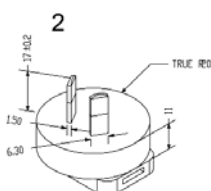
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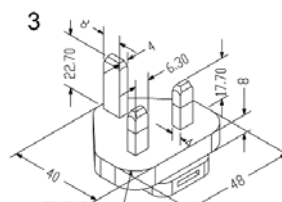
INPUT CONNECTORS OPTIONS Pins or Kits must be ordered separately		Input connector Kit options			
		Q-Kit	Q-Kit-INTL	Q-Kit-6	Q-Kit-7
1	CLASS II MODEL NEMA 1-15P AC POWER PLUG WITH 2 PRONGS, Q-NA(R)	X		X	X
2	AUSTRALIAN CONFIGURATION: SAA 2 PINS CLASS II, Q-SAA(R)	X	X	X	X
3	UK CONFIGURATION: UK 2 PINS CLASS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



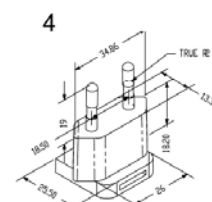
P/N: Q-NA (R)
NORTH AMERICA
JAPAN



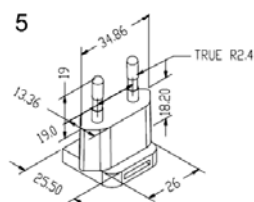
P/N: Q-SAA(R)
AUSTRALIA



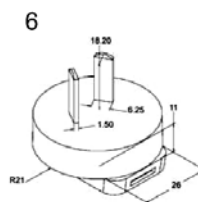
P/N: Q-UK(R)
UNITED KINGDOM
HONG KONG
SINGAPORE



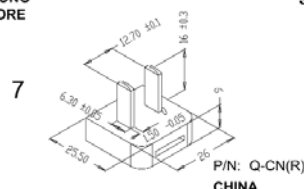
P/N: Q-EU(R)
EUROPE
SOUTH AMERICA



P/N: Q-KR(R)
KOREA



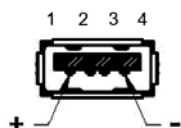
P/N: Q-AR(R)
ARGENTINA



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

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