ISO 9001:2008
REGISTERED

## *Wall Plug-In Switching Power Supply, 18 Watts, 2MOPP*
## *Interchangeable Blade, Universal Input, Medical/Household Use, Class II*

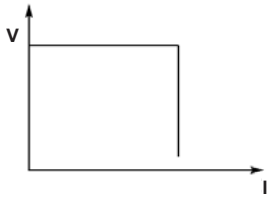
Part Number Ordering System (See Page 302)
Output Plug/Cord Options (See Page 271)

**ELECTRICAL SPECIFICATIONS:**

**INPUT VOLTAGE:**
100-240 VAC
**INPUT CURRENT:**
< 0.6 A RMS MAX
**INPUT FREQUENCY:**
47 - 63 HZ
**OUTPUT CURRENT:**
NO LOAD TO FULL LOAD, NO MINIMUM LOAD REQUIRED
**OUTPUT POWER (RATED):**
18 WATTS MAX
**SWITCHING FREQUENCY OUTPUT RIPPLE (PEAK TO PEAK):**
< 1% TYPICAL
**OUTPUT REGULATION (LINE/LOAD):**
+ 5 % FOR MAIN OUTPUT, MEASURED AT O/P CONNECTOR
**LINE REGULATION:**
+ 1 % MAX AT FULL LOAD
**TURN ON/ TURN OFF OVERSHOOT:**
4% MAX 500US MAX RECOVERY TIME FOR 25% STEP LOAD
**TURN-ON DELAY:**
3000 MSEC MAX
**HOLD-UP TIME:**
16 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 130% OF NOMINAL VOLTAGE
OVER-CURRENT / SHORT CIRCUIT: HICCUP WITH AUTO RECOVERY TO 1.1 - 1.3 IO
**NO LOAD POWER CONSUMPTION:**
< 1 W @ 230 V
**OTHER PROTECTION:**
INPUT FUSING
**SAFETY APPROVALS**:
ETL TO UL60601-1, UL1310, CUL TO 22.2# 601, SEMKO TO EN60601-1, EN60335-1, CE CLASS II, PSE TO J60950, GOST-R, UKRAINE, CB REPORT, VCCI
**DIELECTRIC WITHSTAND VOLTAGE:**
5656 VDC PRIMARY-SECONDARY
**LEAKAGE CURRENT:**
≤ 100 MA @ 240 VAC
**LINE SURGE:**
EN 61000-4-5 LEVEL 4

**EMI:**
COMPLIES WITH EN55011 CLASS B AND FCC PART 15 CLASS B WHEN TESTED WITH A RESISTIVE LOAD, BOTH CONDUCTED AND RADIATED
**CE MARK:**
TESTED TO COMPLY WITH EN 60601-1-2:2001, EN61000-3-2, EN61000-3-3AND EN50082-1, INCLUDING EN61000-4-2, EN61000-4-3, EN61000-4-4, EN61000-4-5, EN61000-4-6, EN61000-4-11
**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
**MODEL NUMBER DESCRIPTION:**
MODEL GT-41080-WWVV-X.X
**WHERE:**
41080: SERIES CODE
(- OR CC): "-" = CONSTANT VOLTAGE MODEL, "CC" = CONSTANT CURRENT OPTION
WW = DENOTES RATED WATTAGE
(VV) = RATED VOLTAGE
(X.X) = DENOTES VOLTAGE DIFFERENTIATOR
**PART NUMBER DESIGNATION:**
SEE P/N SYSTEM FOR EXPLANATION:
XXX - DESIGNATION OUTPUT CORD + PLUG OPTION
**NOTES:**
1. EACH OUTPUT CURRENT MAY VARY WITHIN IT'S DESIGNATION RANGE, AS LONG AS OUTPUT POWER IS NOT EXCEEDED.
2. SINGLE OUTPUT MAY VARY FROM 3VDC-30VDC IN 0.1V INCREMENTS
3. (-Y.Y) OPTIONAL FOR SPECIFYING OUTPUT VOLTAGE DEVIATION FROM LISTED RATINGS. SUBTRACT Y.Y FROM RATED VOLTAGE.

**"CC", CONSTANT CURRENT OPTION PERFORMANCE:**




V = RATED VO
I = RATED IO
ACTUAL DATA TO BE PROVIDED ON PRODUCT SPEC.

**OUTPUT VOLTAGE / CURRENT:**

| MODEL NUMBER | PART NUMBER | OUTPUT VOLTAGE (VDC) | OUTPUT CURRENT (A) | RATED OUTPUT POWER (W) |
|---|---|---|---|---|
| GTM41080 (-or CC) 1805-X.X-W2 | WR9QA3600XXX-C-HM | +5.00 | 0 - 3.60 | 0 - 18 |
| GTM41080 (-or CC) 1806-X.X-W2 | WR9QB2800XXX-C-HM | +6.00 | 0 - 2.80 | 0 - 18 |
| GTM41080 (-or CC) 1807-X.X-W2 | WR9QC2570XXX-C-HM | +7.00 | 0 - 2.57 | 0 - 18 |
| GTM41080 (-or CC) 1809-X.X-W2 | WR9QD2000XXX-C-HM | +9.00 | 0 - 2.00 | 0 - 18 |
| GTM41080 (-or CC) 1812-X.X-W2 | WR9QE1500XXX-C-HM | +12.00 | 0 - 1.50 | 0 - 18 |
| GTM41080 (-or CC) 1815-X.X-W2 | WR9QG1200XXX-C-HM | +15.00 | 0 - 1.20 | 0 - 18 |
| GTM41080 (-or CC) 1818-X.X-W2 | WR9QH1000XXX-C-HM | +18.00 | 0 - 1.00 | 0 - 18 |
| GTM41080 (-or CC) 1820-X.X-W2 | WR9QZ900XXX-C-HM | +20.00 | 0 - 0.90 | 0 - 18 |
| GTM41080 (-or CC) 1824-X.X-W2 | WR9QI750XXX-C-HM | +24.00 | 0 - 0.75 | 0 - 18 |
| GTM41080 (-or CC) 1830-X.X-W2 | WR9QR600XXX-C-HM | +30.00 | 0 - 0.60 | 0 - 18 |
| GTM41080 (-or CC) 1836-X.X-W2 | WR9QR500XXX-C-HM | +36.00 | 0 - 0.50 | 0 - 18 |
| GTM41080 (-or CC) 1848-X.X-W2 | WR9QR375XXX-C-HM | +48.00 | 0 - 0.375 | 0 - 18 |

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2MOPP

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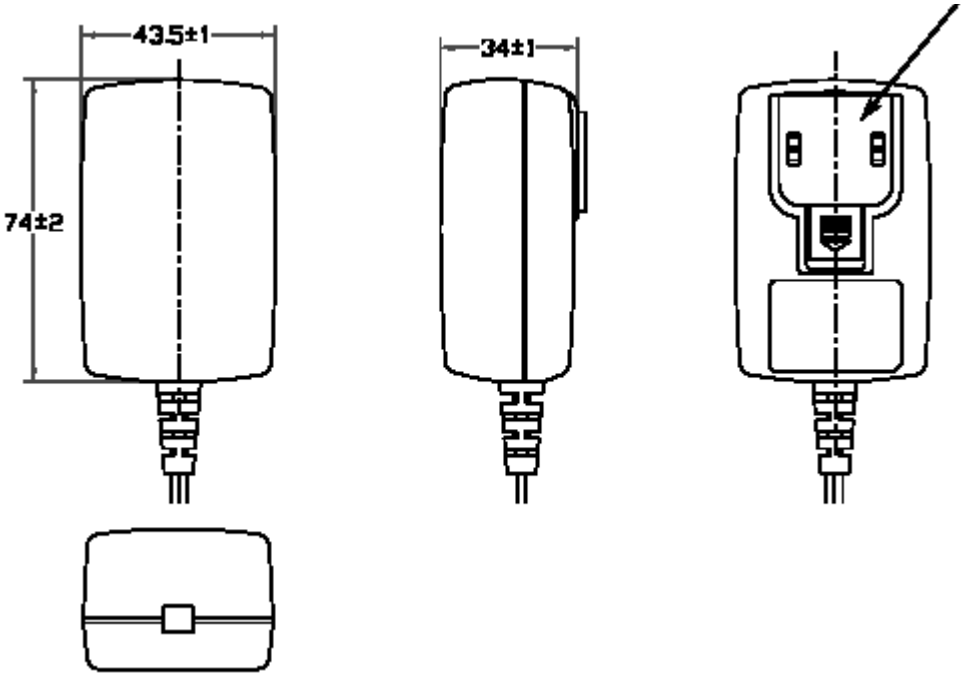
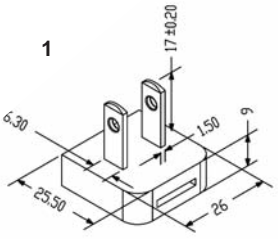
### ENCLOSURE

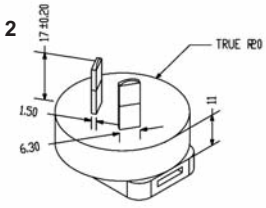
UPPER HOUSING: HIGH IMPACT PLASTIC, 94V0 POLYCARBONATE, NON-VENTED, COLOR BLACK
LOWER HOUSING: HIGH IMPACT PLASTIC 94V0 POLYCARBONATE, NON- VENTED, COLOR BLACK
SIZE: 74 x 43.5 x 34 ± 1 mm



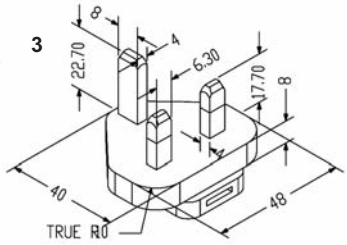
**INPUT CONNECTOR:**
N.A. CONFIGURATION:
1. CLASS II MODEL NEMA 1-15P
AC POWER RECEPTACLE
WITH 2 PRONGS
2. AUSTRALIAN CONFIGURATION:
SAA 2 PINS CLASS II
3. UK CONFIGURATION:
UK 2 PINS CLASS II
4. EUROPEAN CONFIGURATION:
EUROPLUG 2 PINS, CLASS II




P/N: Q-NA




P/N: Q-SAA

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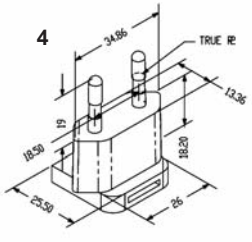


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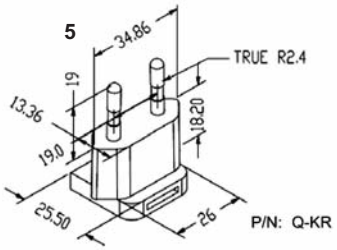


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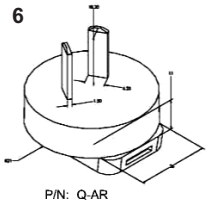


P/N: Q-AR

**NOTE:** FOR OTHER OUTPUT CONNECTOR OPTIONS,
SEE OUTPUT/PLUG/CORD OPTIONS PAGE.

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