



ISO 9001  
REGISTERED



FOR INDOOR USE ONLY

### DUAL OUTPUT SWITCHING POWER SUPPLY 60-80 WATTS DESKTOP, UNIVERSAL INPUT

#### 1. NOTES:

DIMENSIONS ARE IN MM UNLESS SPECIFIED OTHERWISE.

#### 2. ELECTRICAL SPECIFICATIONS:

INPUT VOLTAGE:	90 VAC TO 264 VAC
INPUT CURRENT:	< 2.0 A RMS AT 90 VAC INPUT
INPUT FREQUENCY:	47 HZ - 63 HZ
OUTPUT VOLTAGE / CURRENT:	GT-22030-60-1: +5.0VDC@6.5A; +12.0VDC@1.8A GT-22030-80-1: +5.0VDC@1.5A; +24.0VDC@3.0A
OUTPUT CURRENT :	NO LOAD TO FULL LOAD, NO MINIMUM LOAD REQUIRED
OUTPUT POWER (RATED):	60 - 80 WATTS MAX
OUTPUT RIPPLE (PEAK TO PEAK):	≤ 1% TYPICAL
OUTPUT REGULATION (LINE/LOAD):	± 5 % FOR MAIN OUTPUT, ±5% FOR SECOND AND ± 10% FOR THIRD OUTPUT ( 10% MIN. LOAD ON MAIN OUTPUT)
TURN ON/ TURN OFF OVERSHOOT:	4% MAX 500 uS MAX RECOVERY TIME FOR 25% STEP LOAD
TURN-ON DELAY:	1 SEC MAX
HOLD-UP TIME:	16 mSEC MIN AT NOMINAL INPUT AND FULL LOAD
INRUSH CURRENT:	20 A MAX AT COLD START FOR N.A. (40A FOR EURO)
EFFICIENCY:	75 % TYPICAL
SWITCHING FREQUENCY:	100 KHZ TYPICAL
OVER-VOLTAGE PROTECTION:	VOLTAGE LIMITED LESS 130% OF NOMINAL VOLTAGE FOR MAIN OUTPUT
OVER-CURRENT / SHORT CIRCUIT:	1.1 - 1.3 I <sub>o</sub> HICCUP WITH AUTO RECOVERY
OTHER PROTECTION:	INPUT FUSING
SAFETY APPROVALS :	UL 60950 / 1950, CULTO 22.2 # 234, 950, DESIGNED TO MEET TUV TO EN 60950, CE CLASS I 1500VAC PRIMARY-SECONDARY;1500 VAC PRIMARY- GROUND
DIELECTRIC WITHSTAND VOLTAGE:	3.5 mA MAX
LEAKAGE CURRENT:	EN 61000-4-5 LEVEL 4
LINE SURGE:	COMPLIES WITH EN55022, CLASS B AND FCC PART 15 CLASS B WHEN TESTED WITH A RESISTIVE LOAD, BOTH CONDUCTED AND RADIATED
EMI:	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 LEVEL 4, UNIT IS ELIGIBLE FOR CE MARK.
CE MARK :	SHALL BE 50,000 HOURS OR GREATER AT 25°C AMBIENT TEMPERATURE
MTBF:	0°C TO 40° C
OPERATING TEMPERATURE:	-40°C TO 80° C
STORAGE TEMPERATURE:	0% TO 90% RELATIVE HUMIDITY
HUMIDITY:	



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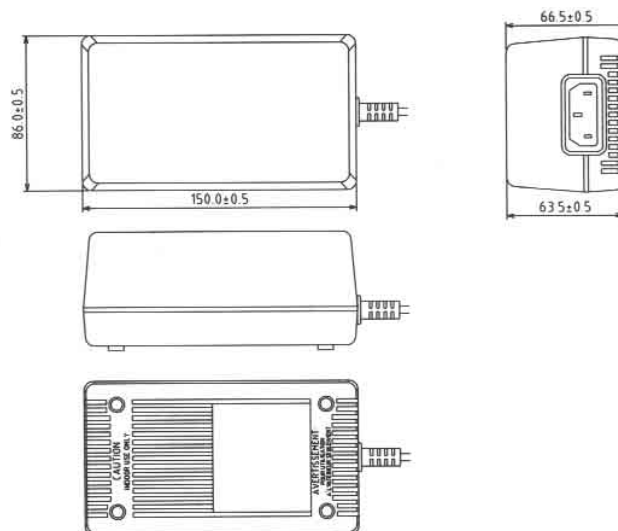
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#### 3. ENCLOSURE:

UPPER HOUSING: HIGH IMPACT PLASTIC, 94V0 POLYCARBONATE, COLOR BLACK  
LOWER HOUSING: HIGH IMPACT PLASTIC 94V0 POLYCARBONATE, COLOR BLACK  
SIZE: 150 x 86 x 66.5 ± 1 mm



#### 4. INPUT CONNECTOR:

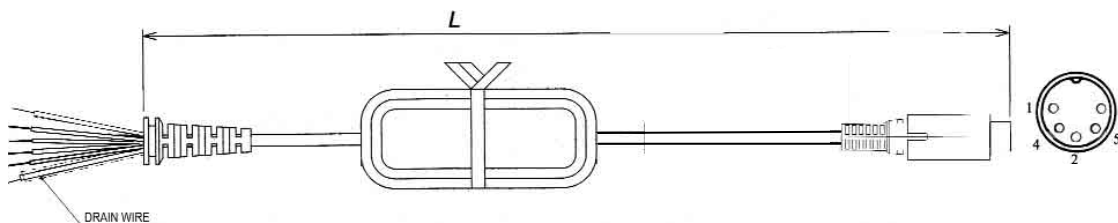
CONFIGURATION: CLASS 1 MODEL IEC320 / C14, AC POWER RECEPTACLE WITH 3 MALE PRONGS

#### 5. OUTPUT CORD:

5 CONDUCTOR, 22 AWG STRANDED WIRE, ROUND UL 2464 SHIELDED CORD TYPE, COLOR BLACK, LENGTH OF CORD: 1830 ± 50mm. CORD IS MEASURED FROM THE HOUSING TO THE END OF OVERMOLD OF THE CONNECTOR. CABLE IS TO BE MARKED WITH WIRE GAUGE, AND ALL APPLICABLE RATING AND SAFETY APPROVALS.

#### 6. OUTPUT CONNECTOR:

5 MALE PIN DIN (SEE CATALOG FOR OTHER OPTIONS)



GT-22030-60-1

PIN 1: +5 VDC  
PIN 2: +5 VDC  
PIN 3: +12 VDC  
PIN 4: COM  
PIN 5: COM  
SHIELD: EMI GND

GT-22030-80-1

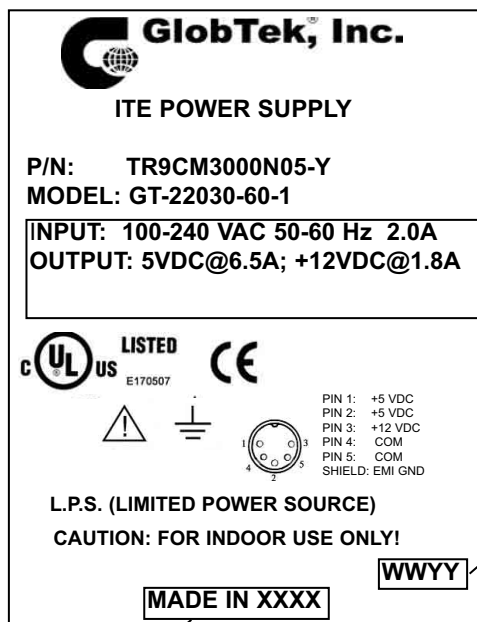
PIN 1: DC COM  
PIN 2: +5 VDC  
PIN 3: +24 VDC  
PIN 4: +24 VDC  
PIN 5: COM  
SHIELD: EMI GND



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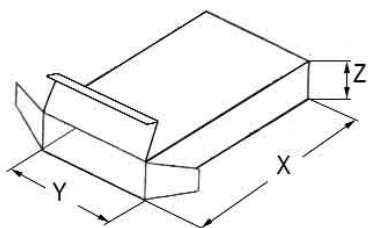


#### 8. LABEL:



XXXX - USA OR CHINA

#### 9. INDIVIDUAL PACKING BOX:



X = 184 mm  
Y = 117mm  
Z = 50 mm



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