

Delivering leading edge, innovative power solutions for more than 30 years....

Model:GT-3T41-E2

April 29, 2024

GT-3T41-E2

Information

Model Number	GT-3T41-E2
Description	GT-3T41-E2, UL 1310 Class 2 Transformer, Wall Plug-in, Unregulated AC-DC Power Supply AC Adaptor, , Input Rating: 230V~ / 50 Hz, European CEE 7/16 configuration:EN 50075 Europlug 2 PIN, Output Rating: 7 Watts, Power rating with convection cooling (W) , 3.3-48V in 0.1V increments, Approvals: CE; TUV 60950; WEEE; Double Insulation; GOST-R; Ukraine; Fuse 60335; RoHS; China RoHS;
Model Picture	
Agency Documents	http://www.globtek.info/certs/GTM3/
CE EC-Declaration	https://www.globtek.com/pdf/ec_declaration/a0Oa000000Bzye6EAB
RoHS/RoHS2 Declaration	https://www.globtek.com/pdf/rohs_cert/a0Oa000000Bzye6EAB
REACH Declaration	https://www.globtek.com/pdf/iso_certificates/REACH.pdf
Conflict Minerals Declaration	https://www.globtek.com/pdf/conflict-minerals.pdf

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MODEL PARAMETERS

Type	Wall Plug-in
Technology	Unregulated AC-DC Power Supply AC Adaptor
Category	UL 1310 Class 2 Transformer
Input Voltage	230V~ / 50 Hz
I/P Amps (A)	0.5A
Wattage (W)	7.0
Vout Range (V)	3.3-48
Efficiency Level	N/A
Ingress Protection	
Size (mm)	348.2*116.8*50.8

PROPRIETARY INFORMATION

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<https://www.globtek.com/ds/UWv8MPCvB89/sFevrwoKzL6.html>

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ENCLOSURE

See Notes for Case Size

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RATING TABLE

Model Number	Voltage	Amps(A)	Watts(W)	RFQ
GT-3T41-6-500D	6 V	0.5	3.00	RFQ

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SPECIFICATIONS

A) ELECTRICAL SPECIFICATIONS:

- 01. Input Voltage: 230 Vac
- 02. Input Frequency: 50 Hz
- 03. Output Voltage (No Load): see deviations
- 04. Output Regulation: Unregulated design
- 05. Output Ripple (Vp-p): Less than 10% of Vout

B) PROTECTION

- 01. Short Circuit: Input Thermal Fuse 115°C
- 02. Thermal: Input Thermal Fuse 115°C
- 03. Dielectric withstand voltage: 3000 VAC Primary-Secondary

C) OTHER

- 01. MTBF: 200,000 Hours @ 25°C ambient temperature
- 02. Operating Temperature: 0°C to 40°C ambient temperature
- 03. Humidity: 0% to 90% relative humidity
- 04. Storage Temperature: -10°C to 80°C
- 05. Cooling: Convection

D) ENCLOSURE

- 01. Housing: High impact plastic, 94V0 polycarbonate, non-vented
- 02. Size: 81.6 x 58.7 x 48.7 +/-1.0 mm
- 03. Markings: Label and/or Pad Printed and/or Molded in the case

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DERATING CURVE

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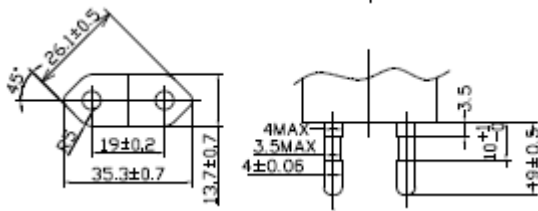
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INPUT CONFIGURATION

Description

European CEE 7/16 configuration:EN 50075 Europlug 2 PIN

The prongs of the Europlug are 19 mm long. They consist of a 9 mm long conductive tip of 4 mm diameter with a rounded ending, followed by a 10 mm long flexible insulated shaft of not more than 3.8 mm diameter. The two prongs are not exactly parallel and converge slightly; their centres are 19 mm apart at the tip and 18.6 mm apart at the base. The elasticity of the converging prongs provides sufficient contact force for the Europlug's current rating with a variety of socket-hole arrangements. The entire plug is 35.3 mm wide and 13.7 mm high, and must not exceed these dimensions within 18 mm behind its front plane (this allows for the recesses on many European socket types). The left and right side of the plug are formed by surfaces that are at 45° relative to the horizontal plan.



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OUTPUT CONFIGURATION

Common output connector options:



L Type (Coaxial
5.5x2.5mm plug)



C Type (Coaxial
5.5x2.1mm plug)



K Type (Coaxial
3.5x1.3mm plug)



LL Type (5.5x2.5mm
Locking 760k type)



CL Type (5.5x2.1mm
Locking S761k type)



ML2 Type (Molex
housing 43025-0200)



YL3 Type
(KPPX-3P)



YL4 Type (KPPX-4P)



EJ1/2/3/4/5 (EIAJ
RC-5320A type
connectors)



MSB Type (Micro
USB)



USBC Type (USB
Type C)



Inquire for custom
design

For a comprehensive list of options, [click here](#)

Contact GlobTek for your specific requirements or custom solutions.

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Approvals

Logo	Description
	Attention Mark / Refer to operating manual for operating and service instructions
	CE Certification Class II CE Mark: tested to comply with EN55022:2006/A1:2007 Class B, EN610003-2, EN610003-3 including EN61000-4-2, EN61000-4-3, EN61000-4-4, EN61000-4-5, EN61000-4-6N EN61000-4-11; EMI: Complies with EN55011 CLASS B and FCC Part 15 B
	CHINA SJ/T 11364-2014, China RoHS Chart: http://www.globtek.com/pdf/F-GT-DJD-8.4.1-006%20China%20RoHS%20Declaration%205-20-22.pdf
	
	Fuse 60335 T1.6A 250VAC Up to 36 volts
	GOST-R mark for Russia(Document: http://www.globtek.com/html/iso_certificates/GT_GOST-R.pdf). 03/15/2015. Due to lack of demand, GlobTek will not be renewing it's GOST certification. Please contact your sales engineer for pricing on EAC.
	Indoor Use Only - Mark is on the label or Molded in the case
RoHS	Specifications of directive 2011/65/EU Annex VI (ROHS-2) with amendment 2015/863-EU (ROHS-3) http://www.ce-mark.com/Rohs%20final.pdf
	TUV to 60950
	Ukraine UKR Sepro (Document: www.globtek.com/html/iso_certificates/GT_Ukraine.pdf)
	WEEE: Complies with EU 2012/19/EU (http://ec.europa.eu/environment/waste/weee/index_en.htm) Mark is on the label or Molded in the case