

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

Model:GTM41134-WWVV-FWT2

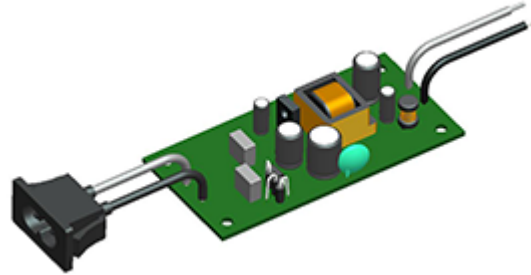
November 28, 2020

GTM41134-WWVV-FWT2

Information

Model Number	GTM41134-WWVV-FWT2
Description	GTM41134-WWVV-FWT2, Medical Power Supply, 60601-1-4th Ed. , Open Frame/Internal, Regulated Switchmode AC-DC Power Supply AC Adaptor, , Input Rating: 100-240V~, 50-60 Hz, IEC 60320/C8 AC Inlet connector, Class II, Non-Earth Ground (aka "Figure-8"), Output Rating: 6 Watts, Power rating with convection cooling (W) , 3.3-48V in 0.1V increments, Approvals: LPS; CE;

Model Picture



Agency Documents	http://www.globtek.info/certs/GTM41134/
CE EC-Declaration	https://www.globtek.com/pdf/ec_declaration/a0Oa000000MEmfkEAD
RoHS/RoHS2 Declaration	https://www.globtek.com/pdf/rohs_cert/a0Oa000000MEmfkEAD
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	Open Frame/Internal
Technology	Regulated Switchmode AC-DC Power Supply AC Adaptor
Category	Medical Power Supply
Input Voltage	100-240V~, 50-60 Hz
I/P Amps (A)	0.6A Max
Wattage (W)	6.0
Vout Range (V)	3.3-48
Efficiency Level	N/A
Ingress Protection	
Size (mm)	84.5*41.5*17.0

PROPRIETARY INFORMATION

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RATING TABLE

Model Number	Voltage	Amps(A)	Watts(W)	RFQ
GTM41134-0606-1.0-FWT2	5 V	1.2	6.00	RFQ

SPECIFICATIONS

A) ELECTRICAL SPECIFICATIONS:

01. Input Voltage: Specified 90-264 Vac, Nameplate rated: 100-240Vac
02. Input Frequency: Specified 47-63 Hz, Nameplate rated 50-60Hz
03. Output Regulation: +/- 5% measured at the output connector
04. Line Voltage Regulation: +/- 1% typical measured at full load
05. Output Ripple (Vp-p): +/- 1% of output voltage, Vp-p, typical
06. Turn-ON/OFF: 5% maximum, 1 mS typical recovery time for 25% step load
07. Turn-ON Delay: 1 Sec, typical
08. Hold-Up Time: 8 mS typical @ nominal input voltage and full load
09. Inrush Current: 30A maximum cold start @ 115 Vac input, 60A maximum cold start @ 230 Vac input
10. Switching Frequency: 100 KHz typical, varies with line and load
11. Efficiency: 75% typical at nominal input and full load

B) PROTECTION

01. Over-Voltage: limited via crowbar method
02. Short Circuit/Over-load: momentary short circuit protected, output will autorecover upon removal of short
03. Input Protection: Input line

C) SAFETY

01. Dielectric Withstand Voltage: 5656 Vdc from primary to secondary
02. Earth Leakage Current: Did not exceed 5 mA in NORMAL CONDITION and 10 mA in SINGLE FAULT CONDITION
03. Touch Current: Did not exceed 100uA NC(Normal condition) 500uA SFC(single fault condition)
04. Earth continuity test:<0.1 Ohm or < 0.2 Ohm when with a non-detachable Power Supply cord, Class I Only
05. Type of protection against electric shock: class I
06. Degree of safety of application in the presence of flammable anesthetic: not evaluated
07. Mode of operation: Continuous
08. ROHS 2: Complies with EU 2011/65/EU and China SJ/T 11363-2006

D) 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

E) ENCLOSURE

01. Housing: Open Frame
02. Size: 84.6 x 41.4 x 28.9 mm

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DERATING CURVE

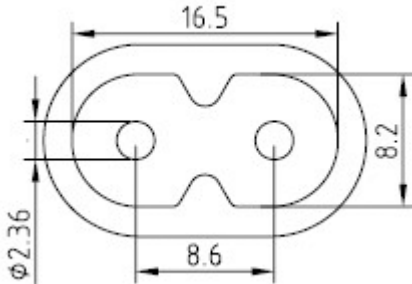
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INPUT CONFIGURATION

Description IEC 60320/C8 AC Inlet connector, Class II, Non-Earth Ground (aka "Figure-8")



Mates with IEC 60320/C7 Plug

Below are standard cordsets which are "not included" (unless stated above); these may be purchased separately or packaged with the power supply. Please contact your Sales Engineer if the style required is not shown below. Many more available in different lengths, colors or cable material.

Standard International IEC 320/C7 Cordsets

2094112M703(R)	Argentina (Type I)	IRAM 2063	IEC 320/C7 ²⁰⁰⁰⁷
5014112M703A(R)	Australian (Type I)	AS 3112	IEC 320/C7 ²⁰⁰⁰⁷
207B4111M8703(R)	Brazil (Type N)	NBR14136	IEC 320/C7 ¹⁸⁰⁰⁶
4533501M8703(R)	China (Type A)	GB 2099.1	IEC 320/C7 ¹⁸³⁰⁶
2074112M703A(R)	European (Type C)	CEE 7/16	IEC 320/C7 ²⁰⁰⁰⁷
2084111M8703(R)	India (Type M)	BS 546	IEC 320/C7 ¹⁸⁰⁰⁶
451J3401M8703(R)	Japan (Type A)	JIS 8303	IEC 320/C7 ¹⁸³⁰⁶
2044112M703A(R)	Korea (Type C)	KS C8305	IEC 320/C7 ²⁰⁰⁰⁷
4511116F703A(R)	N. American (Type A)	NEMA 1-15P	IEC 320/C7 ¹⁸³⁰⁶
4033401M8703A(R)	Taiwan (Type A)	CNS690	IEC 320/C7 ¹⁸³⁰⁶
6104112M703A(R)	UK, Hong Kong, Singapore, Gulf States (Type G)	BS1363	IEC 320/C7 ²⁰⁰⁰⁷

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Approvals

Logo	Description
	CE Certification CE Mark: tested to comply with EN 55032.2012+AC.2013 EN 61000-3-2.2014 EN 61000-3-3.2013 EN 60601-1-2.2015 EN 55024.2010
LPS	Limited Power Source 60950
	UKCA Certification