

Model:GTM95600-BWWVV-F

April 29, 2024

GTM95600-BWWVV-F

Information

Model Number	GTM95600-BWWVV-F
Description	GTM95600-BWWVV-F, Medical Power Supply, Open Frame/Internal, Regulated Switchmode AC-DC Power Supply AC Adaptor, , Input Rating: 90 ~305VAC , 127 ~ 380VDC (47 ~ 63Hz), Molex 09-65-2058 5 Position Header Pin 1: Earth, Pin 2: Removed, PIN 3: Neutral, Pin 4: removed, Pin 5: Line, Output Rating: 60 Watts, Power rating with convection cooling (W) , 5-48V in 0.1V increments, Approvals: EAC;

Model Picture



Agency Documents

CE EC-Declaration	https://www.globtek.com/pdf/ec_declaration/a0Oa000000OJ05zEAD
RoHS/RoHS2 Declaration	https://www.globtek.com/pdf/rohs_cert/a0Oa000000OJ05zEAD
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	90 ~305VAC , 127 ~ 380VDC (47 ~ 63Hz)
I/P Amps (A)	2.0A Max
Wattage (W)	60.0
Vout Range (V)	5-48
Efficiency Level	N/A
Ingress Protection	
Size (mm)	101.6x50.8x30.5

PROPRIETARY INFORMATION

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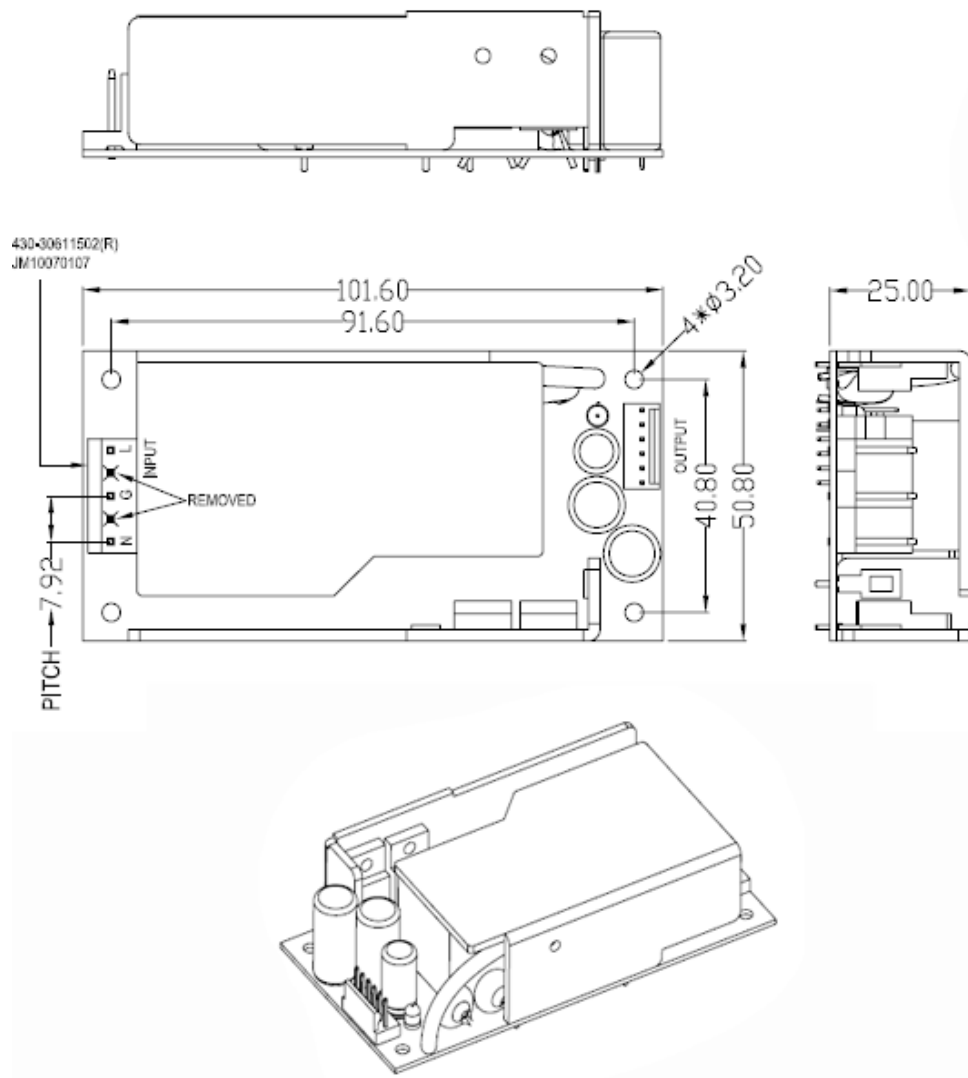
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ENCLOSURE



Case size: 101.6*50.8*30.5 mm

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RATING TABLE

Model Number	Voltage	Amps(A)	Watts(W)	RFQ
GTM95600-B4005-F	5 V	8	40.00	RFQ

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SPECIFICATIONS

This specification is preliminary and is subject to change

A) ELECTRICAL SPECIFICATIONS:

01. Input Voltage: Specified 90-264 Vac, Nameplate rated: 100-240Vac, with optional 90-305Vac, Nameplate rated: 100-277Vac
02. Input Frequency: Specified 47-63 Hz, Nameplate rated 50-60Hz
04. Output Regulation: +/- 5% measured at the output connector
05. Line Voltage Regulation: +/- 1% typical measured at full load
06. Output Ripple (Vp-p): +/- 1% of output voltage, Vp-p, typical
07. Turn-ON/OFF: 5% maximum, 1 mS typical recovery time for 25% step load
08. Turn-ON Delay: 1 Sec, typical
09. Hold-Up Time: 10 mS typical @ nominal input voltage and full load
10. Inrush Current: 20A maximum cold start @ 115 Vac input, 60A maximum cold start @ 230 Vac input
11. Switching Frequency: 100 KHz typical, varies with line and load
12. Efficiency: 75% typical at nominal input and full load

B) PROTECTION

01. Overvoltage Protection: 110% to 130% of nominal output voltage.
02. Short Circuit/Over-load: momentary short circuit protected, output will auto recover 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: 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: -30°C to 90°C ambient temperature
03. Humidity: 0% to 90% relative humidity
04. Storage Temperature: -40°C to 90°C
05. Cooling: Convection

E) ENCLOSURE

01. Housing: Open Frame
02. Size: 101.6 x 50.8 x 30.5 mm

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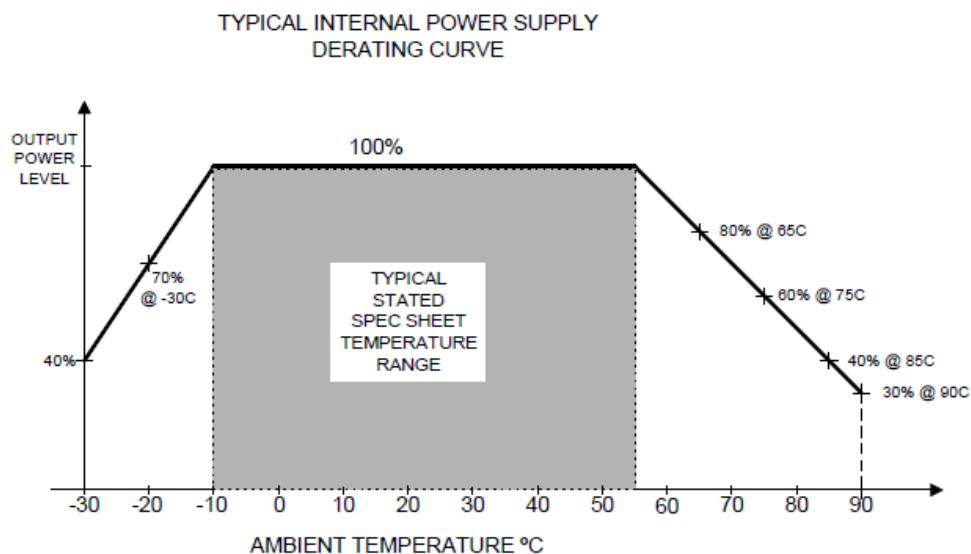
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DERATING CURVE



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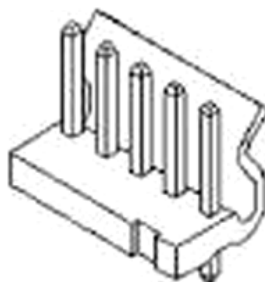
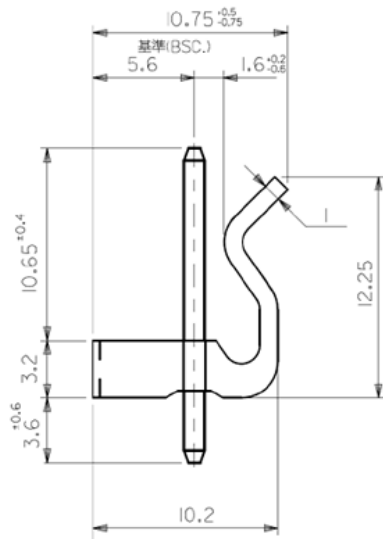
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INPUT CONFIGURATION

Description Molex 09-65-2058 5 Position Header Pin 1: Earth, Pin 2: Removed, PIN 3: Neutral, Pin 4: removed, Pin 5: Line

Document: http://www.molex.com/pdm_docs/sd/009652058_sd.pdf

Catalog Page: http://www.molex.com/molex/products/datasheet.jsp?part=active/0009652058_PCB_HEADERS.xml



Mates With Part(s):

5195 SPOX™ Crimp Housing, **5239** KK® Crimp Housing

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Approvals

Logo	Description
	Declaration ДС № EAЭC N RU Д-US.KA01.B.10453_19 Custom Union of Russia, Belarus and Kazakhstan http://www.globtek.com/redirect/?loc=gost-certificate-eac-declaration
	Morocco SDoC declaration http://www.globtek.info/certs/Morocco%20SDoC%20Declaration/
	UKCA Certification