

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

Model:GT-53093CC-WWVVV-X.X

May 25, 2019

GT-53093CC-WWVVV-X.X

Information

Model Number GT-53093CC-WWVVV-X.X

Description GT-53093CC-WWVVV-X.X, LED Driver, Desktop/External, Regulated Switchmode AC-DC Power Supply AC Adaptor, , Input Rating: 85-264V~, 47-63Hz, Input Wires 2x 150mm stranded UL1015 or equivalent, White=Neutral and Black=Line, Output Rating: 26 Watts, Power rating with convection cooling (W) , 7~174VV in 0.1V increments, Approvals: WEEE; CE; China RoHS; RoHS;

Model Picture



Agency

Documents <http://www.globtek.info/certs/GTM21097/>

CE

EC-Declaration https://www.globtek.com/pdf/ec_declaration/a0Oa000000MFUR8EAP

RoHS/RoHS2

Declaration https://www.globtek.com/pdf/rohs_cert/a0Oa000000MFUR8EAP

REACH

Declaration https://www.globtek.com/pdf/iso_certificates/REACH.pdf

Conflict

Minerals <https://www.globtek.com/pdf/conflict-minerals.pdf>

Declaration

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Model Parameters

Type	Desktop/External
Technology	Regulated Switchmode AC-DC Power Supply AC Adaptor
Category	LED Driver
Input Voltage	85-264V~, 47-63Hz
I/P Amps (A)	0.4A Max
Wattage (W)	26.0
Vout Range (V)	7~174V
Efficiency Level	Meets/Exceeds for Medical
Ingress Protection	
Size (mm)	78×80×27

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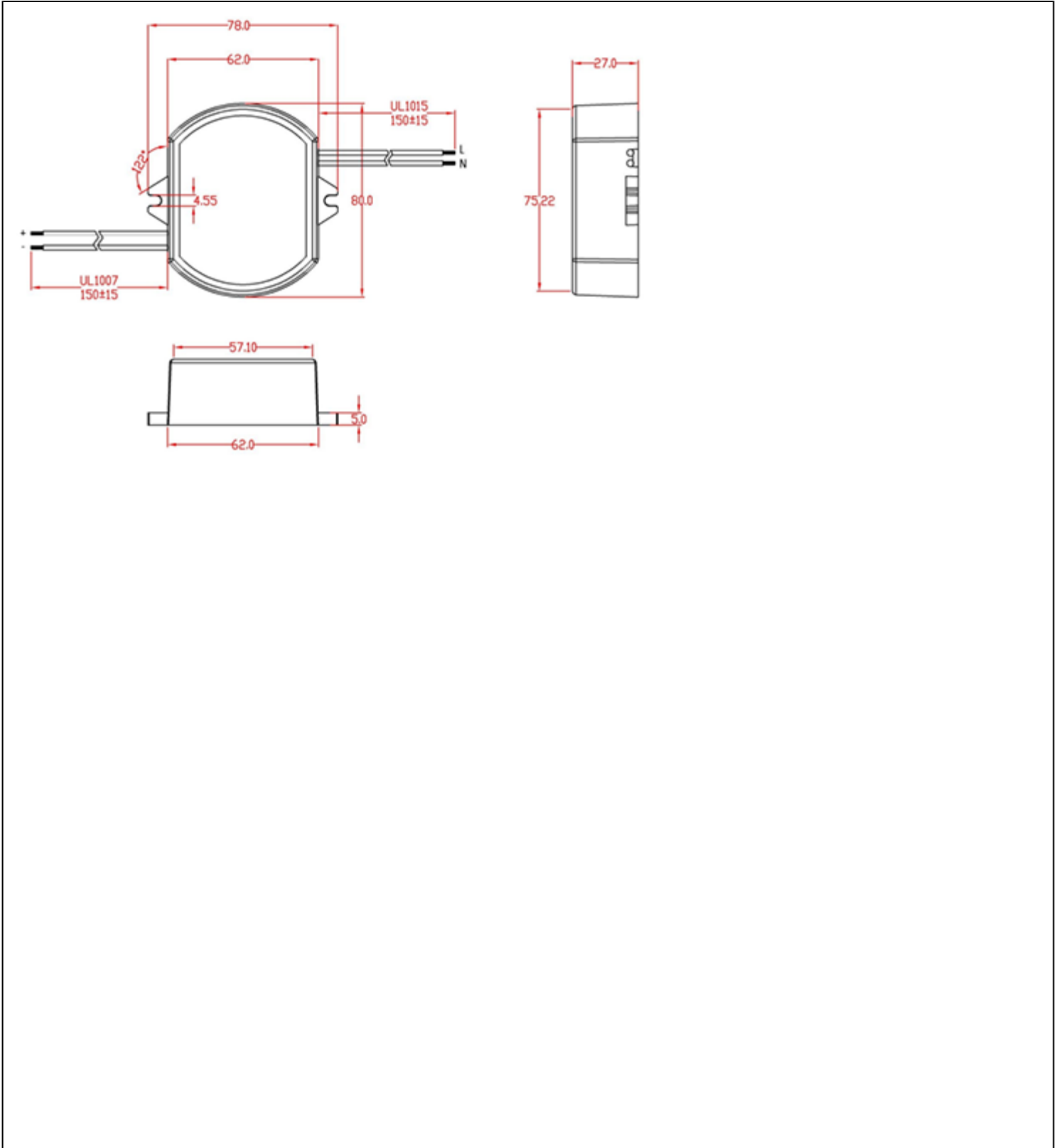
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ENCLOSURE

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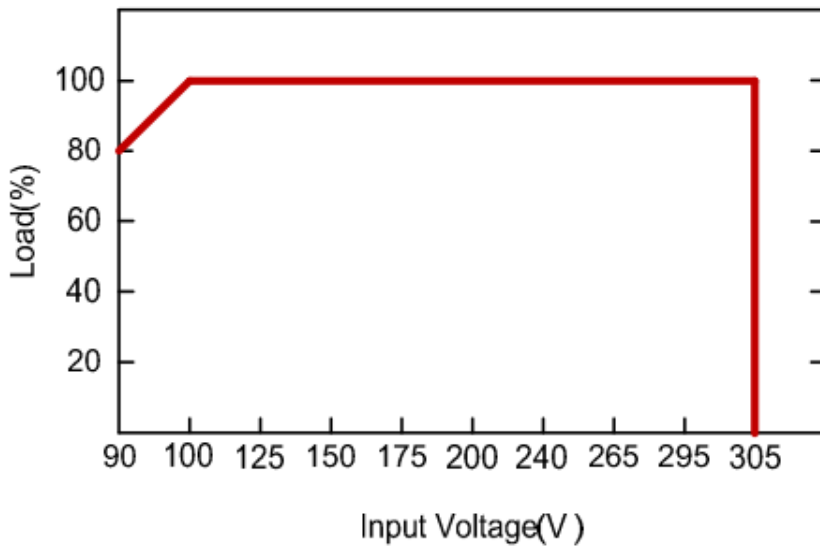


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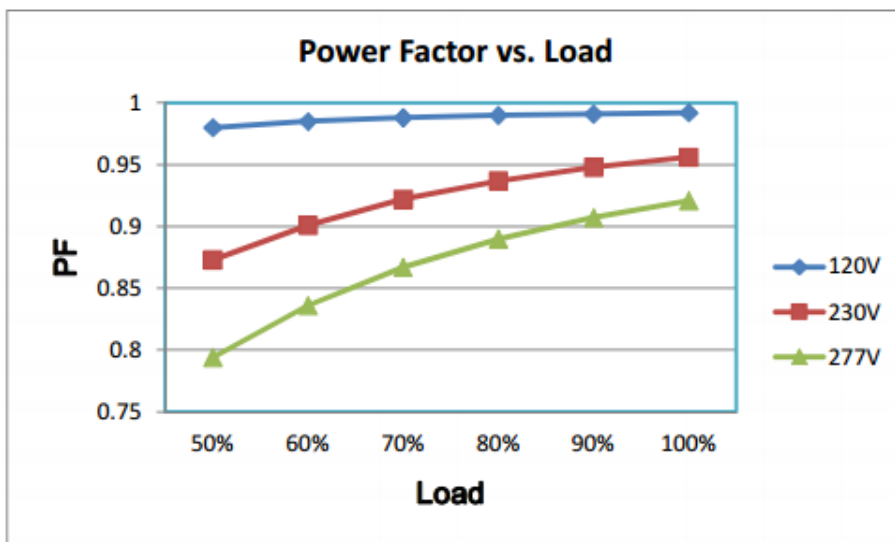
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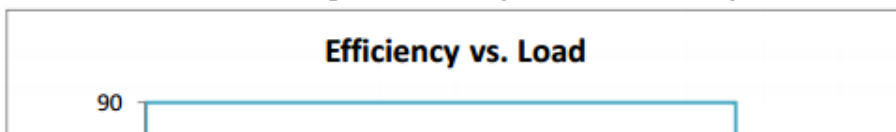
Static Characteristic



Power Factor Characteristic(350mA Model)



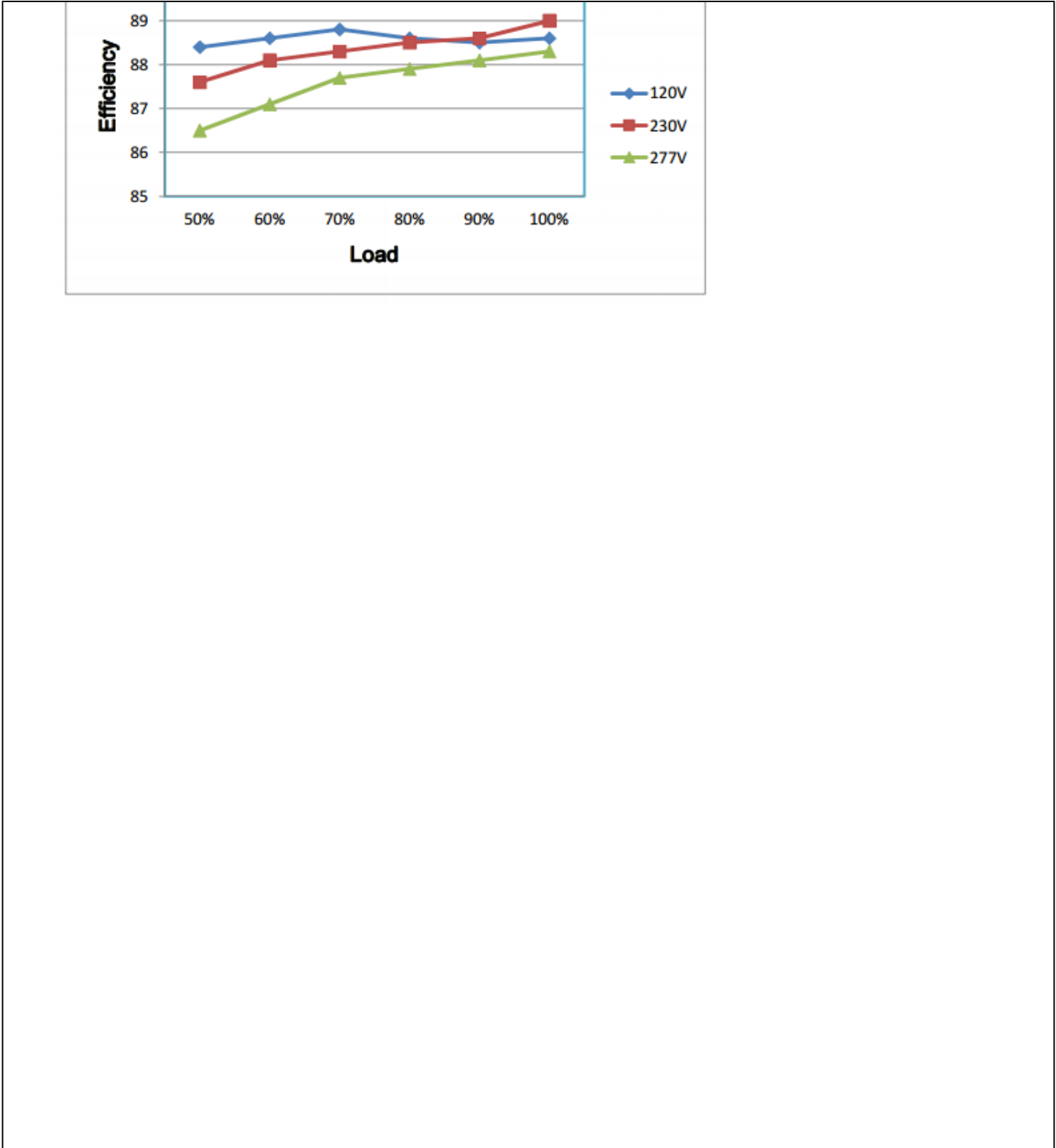
Efficiency vs. Load(350mA Model)



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RATING TABLE

Model Number	Voltage	Amps(A)	Watts(W)	RFQ
GT-53093CC-26175014	8 V	1.75	25.90	RFQ
GT-53093CC-26140018	5 V	1.4	25.90	RFQ
GT-53093CC-26128020	3 V	1.28	25.98	RFQ
GT-53093CC-26105024	7 V	1.05	25.94	RFQ
GT-53093CC-26080032	5 V	0.8	26.00	RFQ
GT-53093CC-26070037	1 V	0.7	25.97	RFQ
GT-53093CC-26045057	7 V	0.45	25.97	RFQ
GT-53093CC-26035074	2 V	0.35	25.97	RFQ
GT-53093CC-260250104	V	0.25	26.00	RFQ
GT-53093CC-260150173	V	0.15	25.95	RFQ

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SPECIFICATIONS

ELECTRICAL SPECIFICATIONS:

- Universal AC input / Full Range(Up to 305Vac)
- Active Power Factor Correction(Typical 0.95)
- Efficiency up to 89%
- Protection OVP / SCP
- Constant Output Current
- Suitable for LED lighting and street lighting applications

1. Input: 90-305

Frequency Range: 47-63 Hz

Power Factor: 0.95

AC Current: 0.32-0.4A Measure at 90V input and full load

Inrush Current: 60A

Leakage Current: 1mA

No Load Dissipation: 0.7W Input power consumption

2. Output Current Tolerance: 5%

Line Regulation: 2%

Load Regulation: 3%

Turn-on Delay time: 0.7S 1.4S Measure at 120V input and full load,

0.6S 1.2S Measure at 230V input and full load

Overshoot / Undershoot: 10%Io Full load

3. Protection

Over Voltage: 1.3Vo Max Hiccup / Auto recovery

Over Current: >Io Hiccup / Auto recovery

Short Circuit: Hiccup / Auto recovery(3)

4. Environment

Operating Temperature: -30°C - +70°C

Storage Temperature -40°C - +85°C

Operating Humidity 10% - 100% RH

5. Safety and EMC

Withstand Voltage I/P-O/P : 3.75KVAC

Isolation Resistance I/P-O/P : 100M Ohms / 500VDC / 25 / 70% RH

6. Other:

Weight 180g-200g

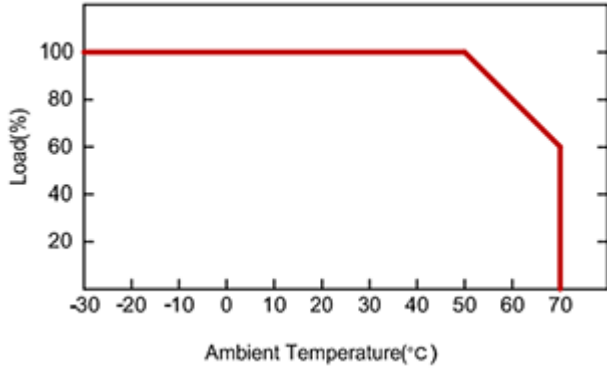
Dimensions (L×W×H): 78×80×27 mm

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DERATING CURVE



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Input Configuration

Description Input Wires 2x 150mm stranded UL1015 or equivalent, White=Neutral and Black=Line

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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
	CHINA SJ/T 11364-2014, China RoHS Chart: http://en.globtek.com/globtek-rohs.php
	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
	Transformer Symbol IEC 61558-1 SMPS Short-Circuit –Proof Safety Isolating Transformer
	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