



Multiple Listing Correlation Sheet

ML FILE NO. E170507

Issued: 2013-09-23

MULTIPLE LISTING of POWER SUPPLIES, INFORMATION TECHNOLOGY EQUIPMENT INCLUDING ELECTRICAL BUSINESS EQUIPMENT (QQGQ, QQGQ7) for

[578908-003] GLOBTEK INC

Basically Listed for:

[100551-385] GLOBTEK (HONG KONG) LTD (NWT)

Basically Listed products covered by Procedure and/or Reports under File No. E341351, Volume X2

Products Covered	Report Reference	Basic Applicant's (Supplier's) Product Designation	Multiple Listee's Product Designation
Switching Power Supplies	A2-UL	GT-21089-0903-A.B-CD GT-21089-1305-A.B-CD GT-21089-1506-A.B-CD GT-21089-1509-A.B-CD GT-21089-1512-A.B-CD GT-21089-1815-A.B-CD GT-21089-1818-A.B-CD GT-21089-1824-A.B-CD	GT-21089-0903-A.B-CD GT-21089-1305-A.B-CD GT-21089-1506-A.B-CD GT-21089-1509-A.B-CD GT-21089-1512-A.B-CD GT-21089-1815-A.B-CD GT-21089-1818-A.B-CD GT-21089-1824-A.B-CD
Switch-mode Power Supply	A3-UL	GT-B1057 Series	GT-B1057 Series
Switching Adapter	A4-UL	GT-81081-60x-y-a Series	GT-81081-60x-y-a Series
Switch-mode Power Supply	A5-UL	GT-9100P Series	GT-9100P Series
Direct Plug-in Switch-mode Power Supply	A6-UL	GT-41060 (- or CC) WWVV-X.X Family (#)	GT-41060 (- or CC) WWVV-X.X Family (#)

Note: (#) where 41060: Series Code; (- or CC): "-" = Constant Voltage Model, CC = Constant Current Model; WW: Rated Wattage; VV: Rated Voltage; X.X-Denotes Voltage Differentiator; Subtract X.X from rated voltage.

MARKING: Same as that described in Follow-Up Service Procedure and/or Report except for Multiple Listee's name, file number, Trademark / Tradename, when applicable, Control Number [4MU8] and product designation.

LITERATURE: If literature is packaged with the Multiple Listed product(s) it shall be in compliance with the requirements outlined in the appropriate UL Standard(s).



Multiple Listing Correlation Sheet

Issued: 2013-09-23

M/L [578908-003] GLOBTEK INC

AP [100551-385] GLOBTEK (HONG KONG) LTD (NWT)

Products Covered	Report Reference	Basic Applicant's (Supplier's) Product Designation	Multiple Listee's Product Designation
Power Unit	A7-UL	GT-2S5024D-R-ES	GT-2S5024D-R-ES
	A8-UL	GT-2S5024D-R-ES+	GT-2S5024D-R-ES+
Switching Adapter	A9-UL	GT-51084-12N12	GT-51084-12N12
Direct Plug In Switching Adapter	A10-UL	GT-81082-0506.5-X.X-USB-W2 (#)	GT-81082-0506.5-X.X-USB-W2 (#)
Direct Plug In Switching Adapter	A11-UL	GT-81083-0404-X.X-W2 (\$) GT-81083-0506-X.X-W2 (\$) GT-81083-0509-X.X-W2 (\$) GT-81083-0513-X.X-W2 (\$) GT-81083-0404-AUS-X.X-W2 (\$) GT-81083-0506-AUS-X.X-W2 (\$) GT-81083-0509-AUS-X.X-W2 (\$) GT-81083-0513-AUS-X.X-W2 (\$)	GT-81083-0404-X.X-W2 (\$) GT-81083-0506-X.X-W2 (\$) GT-81083-0509-X.X-W2 (\$) GT-81083-0513-X.X-W2 (\$) GT-81083-0404-AUS-X.X-W2 (\$) GT-81083-0506-AUS-X.X-W2 (\$) GT-81083-0509-AUS-X.X-W2 (\$) GT-81083-0513-AUS-X.X-W2 (\$)
Switching Power Adapter	A58-UL	GTM91120-WWVV-X.X-TB series (&)	GTM91120-WWVV-X.X-TB series (&)

Note: (#) where X.X is optional for specifying the output voltage deviations in 0.1 increments, and X.X is to be subtracted from the base rated voltage of 6.5.

(\$) where X.X is optional for specifying the output voltage deviations in 0.1 increments, and X.X is to be subtracted from the base rated voltage.

(&) M can be "M" or "-" for market identification and not related to safety, WW is the rated output wattage designation, with a maximum value of "30"; VV is the standard rated output voltage designation, with a maximum value of "48"; -X.X denotes the optional deviation, subtracted or added from standard output voltage in 0.1 volt increments or blank to indicate the no voltage different; B can be 2 or 3A, 2 means Class II, 3A means class I

MARKING: Same as that described in Follow-Up Service Procedure and/or Report except for Multiple Listee's name, file number, Trademark / Tradename, when applicable, Control Number [4MU8] and product designation.

LITERATURE: If literature is packaged with the Multiple Listed product(s) it shall be in compliance with the requirements outlined in the appropriate UL Standard(s).



Multiple Listing Correlation Sheet

Issued: 2013-09-23

M/L [578908-003] GLOBTEK INC

AP [100551-385] GLOBTEK (HONG KONG) LTD (NWT)

Products Covered	Report Reference	Basic Applicant's (Supplier's) Product Designation	Multiple Listee's Product Designation
Switching Power Adapter	A59-UL	GTM91099-WWVV-X.X-AB series (#)	GTM91099-WWVV-X.X-AB series (#)
ITE POWER SUPPLY	A61-UL	GT-93020-0324	GT-93020-0324

Note: (#) M can be "M" or "-" for market identification and not related to safety; WW is the rated output wattage designation, with a maximum value of "60"; VV is the standard rated output voltage designation, with a maximum value of "48"; -X.X denotes the optional deviation, subtracted or added from standard output voltage in 0.1 volt increments or blank to indicate the no voltage different; VV-X.X together denotes the voltage range 5V to 48V; A:T is External/Desktop model; B can be 2 or 3A, 2 presents Class II, 3A presents Class I.

MARKING: Same as that described in Follow-Up Service Procedure and/or Report except for Multiple Listee's name, file number, Trademark / Tradename, when applicable, Control Number [4MU8] and product designation.

LITERATURE: If literature is packaged with the Multiple Listed product(s) it shall be in compliance with the requirements outlined in the appropriate UL Standard(s).

UL TEST REPORT AND PROCEDURE

Standard:	UL 60950-1, 1st Edition, 2007-10-31 (Information Technology Equipment - Safety - Part 1: General Requirements) CSA C22.2 No. 60950-1-03, 1st Edition, 2006-07 (Information Technology Equipment - Safety - Part 1: General Requirements)
Certification Type:	Listing
CCN:	QQGQ, QQGQ7 (Power Supplies for Information Technology Equipment Including Electrical Business Equipment)
Product:	Switching Adapter
Model:	GT-51084-12N12
Rating:	Input: 120Vac, 60Hz, 0.95A/230Vac, 50Hz, 1.05A; Output unit is marked Pin 1: +12Vdc 0.25A; Pin 3: -12Vdc 0.25A; Pin 4: common.
Applicant Name and Address:	GLOBTEK (HONG KONG) LTD UNIT 1402, BENSON TOWER 74 HUNG TO RD KWUN TONG KOWLOON HONG KONG

This is to certify that representative samples of the products covered by this Test Report have been investigated in accordance with the above referenced Standards. The products have been found to comply with the requirements covering the category and the products are judged to be eligible for Follow-Up Service under the indicated Test Procedure. The manufacturer is authorized to use the UL Mark on such products which comply with this Test Report and any other applicable requirements of Underwriters Laboratories Inc. ('UL') in accordance with the Follow-Up Service Agreement. Only those products which properly bear the UL Mark are considered as being covered by UL's Follow-Up Service under the indicated Test Procedure.

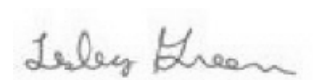
The applicant is authorized to reproduce the referenced Test Report provided it is reproduced in its entirety.

Any information and documentation involving UL Mark services are provided on behalf of Underwriters Laboratories Inc. (UL) or any authorized licensee of UL.

Prepared by: HiuFai Seto
Underwriters Laboratories Inc.



Reviewed by: Lesley C Green
Underwriters Laboratories Inc.



Supporting Documentation

The following documents located at the beginning of this Procedure supplement the requirements of this Test Report:

- A. Authorization - The Authorization page may include additional Factory Identification Code markings.
- B. Generic Inspection Instructions -
 - i. Part AC details important information which may be applicable to products covered by this Procedure. Products described in this Test Report must comply with any applicable items listed unless otherwise stated in the body of this Test Report.
 - ii. Part AE details any requirements which may be applicable to all products covered by this Procedure. Products described in this Test Report must comply with any applicable items listed unless otherwise stated in the body of each Test Report.
 - iii. Part AF details the requirements for the UL Certification Mark which is not controlled by the technical standard used to investigate these products. Products are permitted to bear only the Certification Mark(s) corresponding to the countries for which it is certified, as indicated in each Test Report.

Product Description

The product covered by this report is a cord-connected type power supply intended to be used for information technology equipment in TN power systems and are for indoor use only. It consists of an isolated transformer with electronic circuitry housed in a thermoplastic enclosure. It is also provided with appliance inlet and a length of output cord (located in SELV) terminated with a molded-on non-standard polarized output connector for output connection. The unit is provided with a voltage selector switch.

Model Differences

N/A

Technical Considerations

- Equipment mobility : movable
- Operating condition : continuous
- Mains supply tolerance (%) : +6%, -10% for when rated 120 and 230vac +10%, -10% for when rated
- Tested for IT power systems : No
- IT testing, phase-phase voltage (V) : N/A
- Class of equipment : Class I (earthed)
- Mass of equipment (kg) : 0.5
- Protection against ingress of water : IP X0
- The product was submitted and evaluated for use at the maximum ambient temperature (Tma)

permitted by the manufacturer's specification of: 40°C

- The means of connection to the mains supply is: Detachable power cord , Pluggable A
- The product is intended for use on the following power systems: TN
- The equipment disconnect device is considered to be: Appliance inlet
- The following are available from the Applicant upon request: Specific data sheets for LED indicators that are class I and operate at wavelength in the 400-710 nm range and , Installation (Safety) Instructions / Manual
- The output of this unit is SELV less than 240VA

Additional Information

Revision: SR8227620-T001

Transfer File from the File E336418, Vol. X1, E336418-A8 into the File E341351, Vol. X2, E341351-A9.

Additional Standards

The product fulfills the requirements of: N/A

Markings and instructions

Clause Title	Marking or Instruction Details
Power rating - Ratings	Ratings (voltage, frequency/dc, current)
Power rating - Company identification	Listee's or Recognized company's name, Trade Name, Trademark or File Number
Power rating - Model	Model Number
Symbols - On/Off switch	All other controls to be marked with  symbol for "ON" (60417-2-IEC-5007) and  symbol for "OFF" (60417-2-IEC-5008)
Annex NAA, clause 1.5.5: Output other than TNV or LPS shall be marked with circuit characteristics.	Unit is marked Pin 1: +12Vdc 0.25A; Pin 3: -12Vdc 0.25A; Pin 4: common.
V select sw	marked "115" or "230" or "120" or "240" depending on v select setting

Special Instructions to UL Representative

N/A

Production-Line Testing Requirements**Electric Strength Test Special Constructions - Refer to Generic Inspection Instructions, Part AC for further information.**

Model	Component	Removable Parts	Test probe location	V rms	V dc	Test Time, s
N/A						

Earthing Continuity Test Exemptions - This test is not required for the following models:

Electric Strength Test Exemptions - This test is not required for the following models:

--

Electric Strength Test Component Exemptions - The following solid-state components may be disconnected from the remainder of the circuitry during the performance of this test:

--

Sample and Test Specifics for Follow-Up Tests at UL

Model	Component	Material	Test	Sample(s)	Test Specifics
N/A					

TABLE: List of Critical Components

Object/part or Description	Manufacturer/ trademark	type/model	technical data	CCN	Marks of Conformity
Enclosure	SABIC INNOVATIVE PLASTICS US L L C	SE 100 or SE 100H	Rated V-1, 2.7mm thick minimum.	QMFZ2	UL
Appliance Inlet	Inalways	0711	Rated 15A, 250Vac, 90C, secured to chassis by locking tabs.	AXUT2	UL
Appliance Inlet - Alternate -	Rong Feng	SS-120	Rated 15A, 250Vac, 105C, secured to chassis by locking tabs.	AXUT2	UL
Output Cord	Lumberg	RSMV 3-657/2M	Style 2661, rated min 60vdc, 105C, for external interconnection of electronic equipment.	AVLV2	UL
Output Cord Strain Relief	Various	Various	Molder onto Output Cord. See diagram 2 for details. Mounted on a rectangular hole measuring approx. 7.3mm by 9.8mm	--	--
Internal Wire	Various	Various	Rated minimum 80°C, 300V. PVC, TFE, PTFE, FEP, surface marked VW-1. All internal wire is "J" hooked and shrink tubing.	AVLV, AVLV2	--
Functional Earthing Conductor	Various	Various	Green or green/yellow wire, minimum No. 18 AWG, secured to core via screw, nut and lock washer	AVLV, AVLV2	UL
Insulating Tubing/Sleeving	Various	Various	FEP, PTFE, PVC, TFE, neoprene, polyimide or marked VW-1; rated 105°C, 300 V.	UZFT2, YDPU2, YDRY2, YDTU2	---
Printed Wiring Board	Various	Various	Rated minimum V-1, 105°C.	ZPMV2	UL
Transformer (T1)			Split bobbin construction. Class B. See diagram 1 for details	--	--
Transformer Thermal Fuse	Joint Force Metal Research and Co., Ltd.	L33	Rated 1A/250Vac; 2.5A/125vac, TH: 100C; TF: 130C; TM: 165C	XCMQ2	UL
Insulation System	Hitron	Viking B-2	Class B	OBJY2	UL
Core (T1)	Various	Various	Silicon Stamping H1850A	--	--
Bobbin (T1)	E I DUPONT DE NEMOURS & CO INC	101L	type "Zytel" , rated V2, 130C, 0.85 min. thick.	QMFZ2	UL
Insulating Tape (T1)	3M	1350 or 1350F-1 or 1 or 1350T	Polyester tape, 0.056 mm thick, rated 130°C.	OANZ2	UL

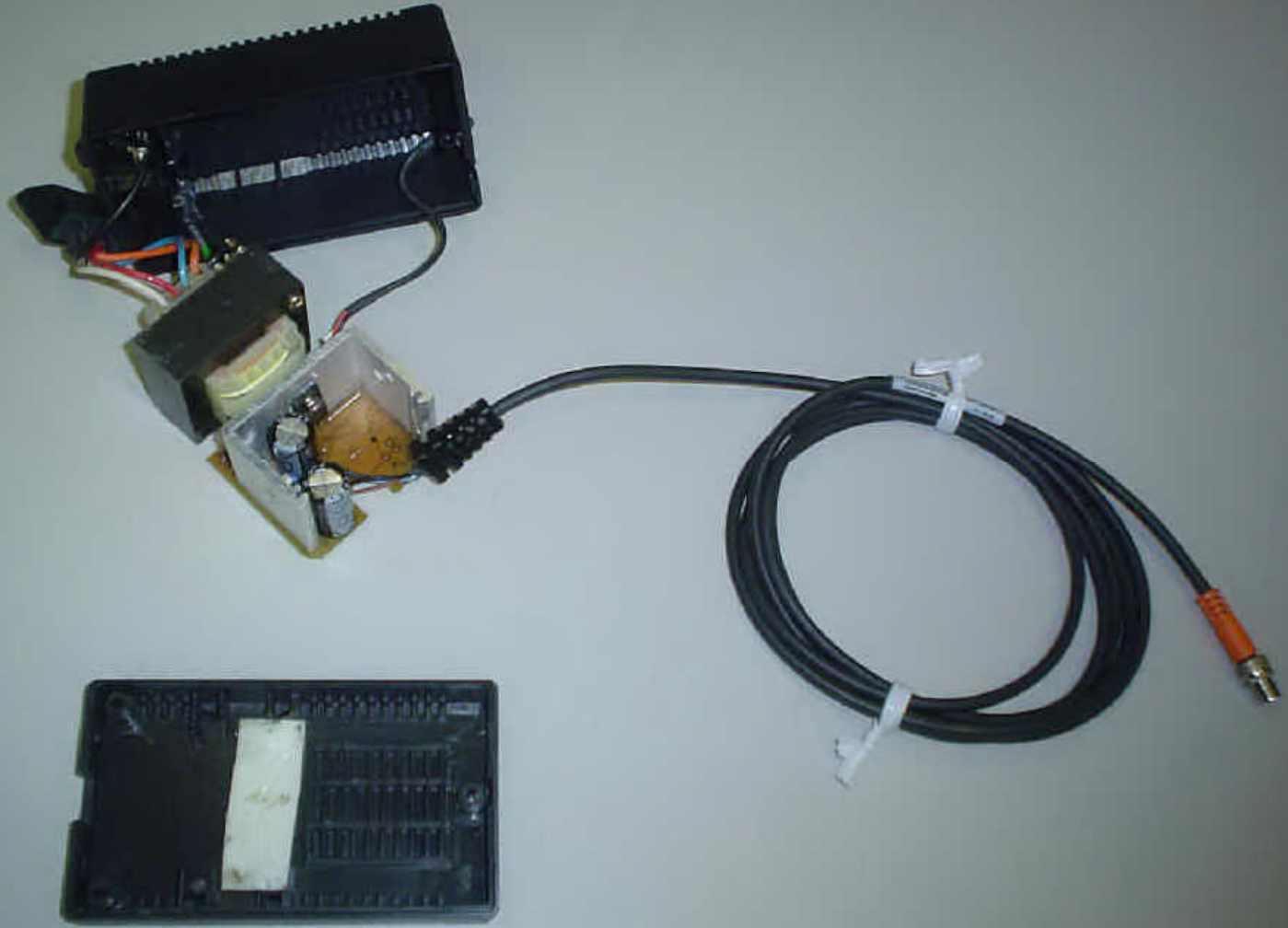
Object/part or Description	Manufacturer/ trademark	type/model	technical data	CCN	Marks of Conformity
Insulating Tape (T1) – alternate -	Various	Various	Polyester tape, min. 0.025 mm thick, rated 130°C.	OANZ2	UL
Heat Sink for IC2 and IC3	Globtek	HEA-48-3X	Aluminum, minimum 2 mm thick. See enclosure for detailed dimensions . See diagram 3 for details	--	--
Label	Various	Various	60 °C, for mounting on plastic materials.	PGDQ2	UL
Voltage Regulator (IC2)	KEC	KIA7805P/PI	TO-220 package, secured to heatsink via screw, nut and lock washer, output rated +12Vdc, 1A	--	--
Voltage Regulator (IC2)	Various	Various	TO-220 package, secured to heatsink via screw, nut and lock washer, output rated +12Vdc, 1A.	--	--
Voltage Regulator (IC3)	STMicroelectronics	L7921ACV	TO-220 package, secured to heatsink via screw, nut and lock washer, output rated -12Vdc, 1.5A	--	--
Voltage Regulator (IC3) - Alternate	Various	Various	TO-220 package, secured to heatsink via screw, nut and lock washer, output rated -12Vdc, 1.5A	--	--
Switch	Various	Various	Rated 250vac, 2 Amps. Secured to chassis via pressure (snap) fit.	WOYR2	UL
Voltage Selector Switch	Legions Electronic Co. Inc.	VS34	Rated 12A, 125/250Vac, 60Hz, 55°C, secured to chassis via two screws. One on each end.	WOYR2	UL
Voltage Selector Switch – Alternate -	Various	Various	Rated 12A, 125/250Vac, 60Hz, 55°C, secured to chassis via two screws. One on each end.	WOYR2	UL
Power supply cord (molded-on fittings)	Various	Various	Type SVT, SJT AWG, 125V, 18AWG, max 4.5 m long; One end with NEMA 5-15P. Other end (with appliance coupler) (connected to unit)	ELBZ	UL
Diode (D4-D7)	Various	Various	Schottky Diode, rated 1A, max. RMS 28V, forward voltage 0.60V	--	--

Enclosures

<u>Type</u>	<u>Supplement Id</u>	<u>Description</u>
Photographs	3-10	AC Inlet/Side view
Photographs	3-11	LED/Side view
Photographs	3-12	Internal view
Diagrams	4-07	Construction Diagram for Transformer model HER-48-324
Diagrams	4-08	Interconnecting output cable type RSMV 3-657/2M spec
Diagrams	4-09	Heat Sink Spec
Schematics + PWB		
Manuals		
Miscellaneous		



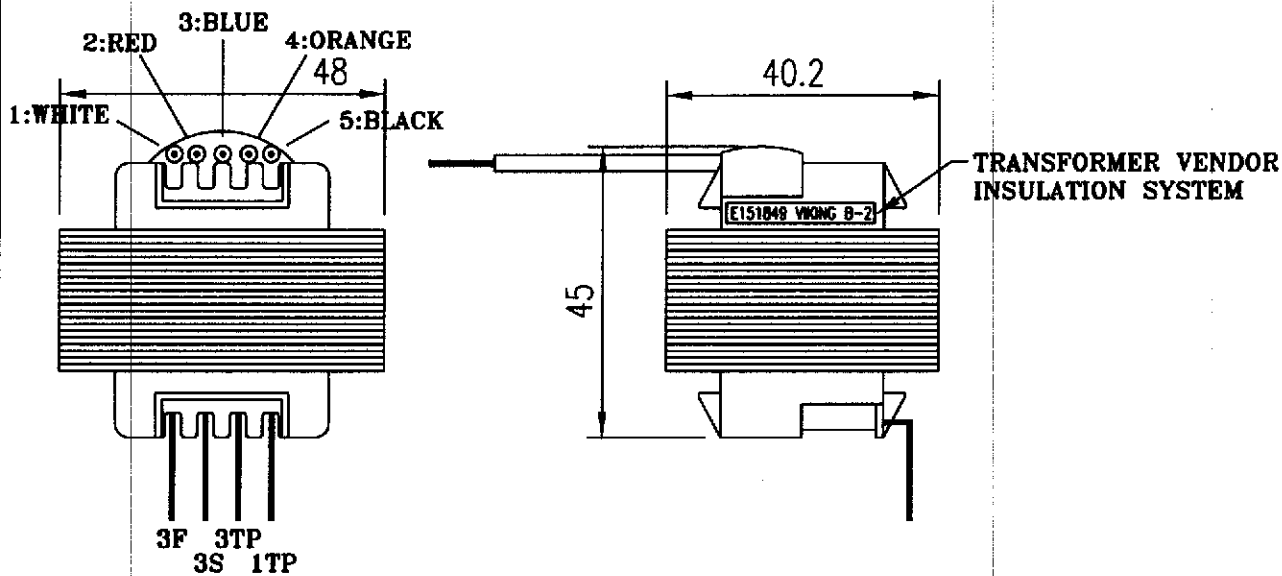




3	頁之	1
版本	09. 05. 2007	
ISSUE NO.	"B"	

POWER TRANSFORMER 文 / 見 號碼 E9R48141-2
TITLE FOR HER-48-324 (GS-1121) DOC./SPEC.NO.

[1] PHYSICAL DIMENSIONS : (IN MILLI-METERS)

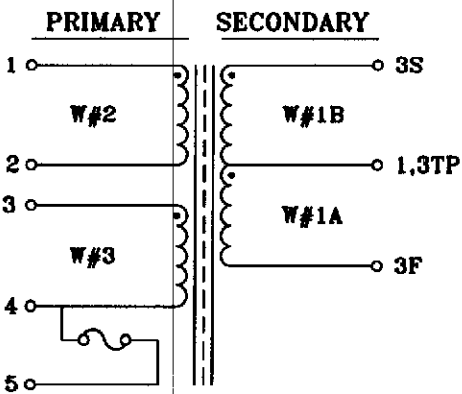


[2] NUMBER OF TURNS AND WIRES :

WINDING NO. :	WIRES	NUMBER OF TURNS
W#1	1 STRAND OF $\phi 0.40\text{mm}$	234 T
W#2	1 STRAND OF $\phi 0.13\text{mm}$	1000 T
W#3	1 STRAND OF $\phi 0.13\text{mm}$	1000 T

[3] ELECTRICAL CHARACTERISTICS :

- 3.1 INDUCTANCE OF WINDING NO.: 2 SHOULD BE 0.95H TO 1.15H AT 120KHz.
- 3.2 TURNS RATIO AND POLARITY OF WINDINGS SHOULD BE MAINTAINED.
- 3.3 LEAKAGE INDUCTANCE SHOULD BE LESS THAN 0.45H AT 120KHz.
- 3.4 DIELECTRIC WITHSTAND STRENTH :
- PRIMARY - SECONDARY : 3000V~ FOR 1 MINUTE.
- PRIMARY - SHIELD : 1500V~ FOR 1 MINUTE.
- SECONDARY - SHIELD : 500 V~ FOR 1 MINUTE.

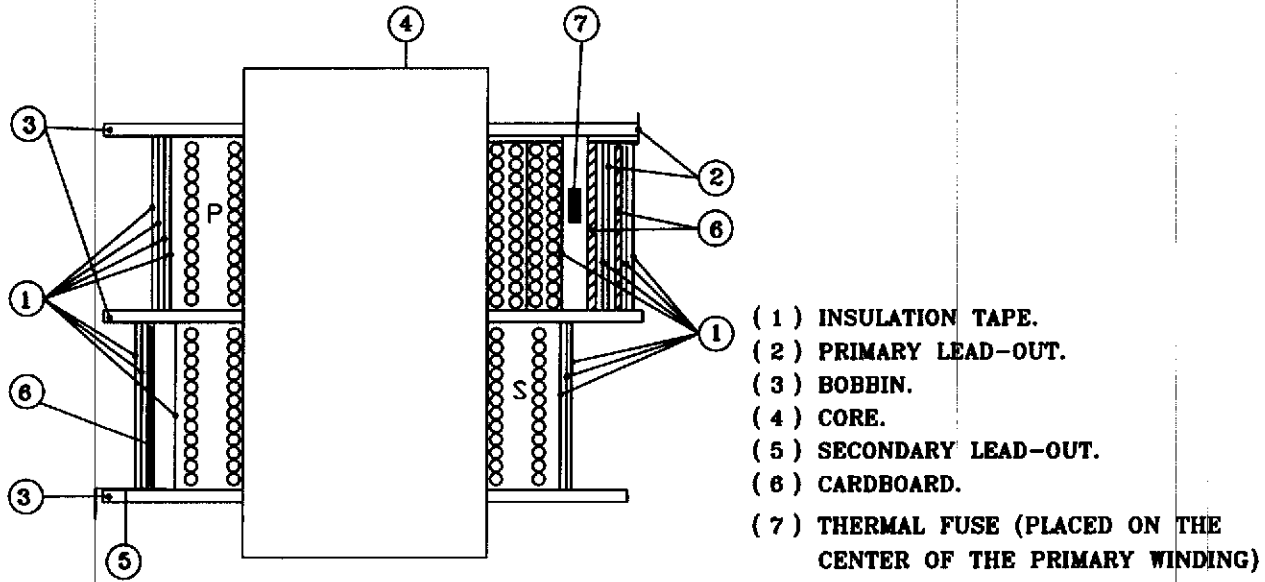


文件/規格名稱 TITLE	POWER TRANSFORMER FOR HER-48-324 (GS-1121)	文件/規格號碼 DOC./SPEC.NO.	E9R48141-2	版本 ISSUE NO.	09. 05. 2007 "B"
------------------	---	--------------------------	------------	-----------------	---------------------

[4] CONSTRUCTION :

4.1 INSULATION THICKNESS BETWEEN PRIMARY & SECONDARY : 1.0mm

4.2



[5] MATERIAL LIST :

ITEM	COMPONENT	DESCRIPTION	MANUFACTURER
1	INSULATION TAPE	FLAME RETARDANT POLYESTER FILM INSULATING TAPE, "SCOTCH" BRAND NO. 1350 OR 1350F-1, THICKNESS 0.056mm, TEMPERATURE CLASS 130°C, GUIDE OANZ2, UL FILE NO.: E17385(N)	MINNESOTA MINING & MFG. CO., ELECTRICAL SPECIALTIES DIV.
		POLYESTER FILM (PETP) TAPE, CAT. NO.553H-UL, THICKNESS 0.025mm, DIELECTRIC STRENGTH 2KV/min./ 1 LAYER, TEMPERATURE CLASS 130°C, GUIDE OANZ2, UL FILE NO.: E59620(S)	NICHIBAN CO., LTD.
		POLYESTER FILM, FLAME RETARDANT, INSULATING TAPE, "SCOTCH" BRAND NO.1 OR 1350T-1, THICKNESS 0.08mm, TEMPERATURE CLASS 130°C, GUIDE OANZ2, UL FILE NO.: E17385(N)	MINNESOTA MINING & MFG. CO., ELECTRICAL SPECIALTIES DIV.
		FLAME RETARDANT EPOXY VARNISH IMPREGNATED POLYESTER NON-WOVEN PRESSURE SENSITIVE INSULATING TAPE, CAT. NO.354, THICKNESS 0.15mm, TEMPERATURE CLASS 155°C, GUIDE OANZ2, UL FILE NO.: E34833(M)	NITTO DENKO CORP.

GlobTek Inc.

FM-3000-12/REV.B-052092'

3 頁之 3

文件/規格名稱 TITLE	POWER TRANSFORMER FOR HER-48-324 (GS-1121)	文件/規格號碼 DOC./SPEC.NO.	E9R48141-2	版本 ISSUE NO.	09. 05. 2007 "B"
------------------	---	--------------------------	------------	-----------------	---------------------

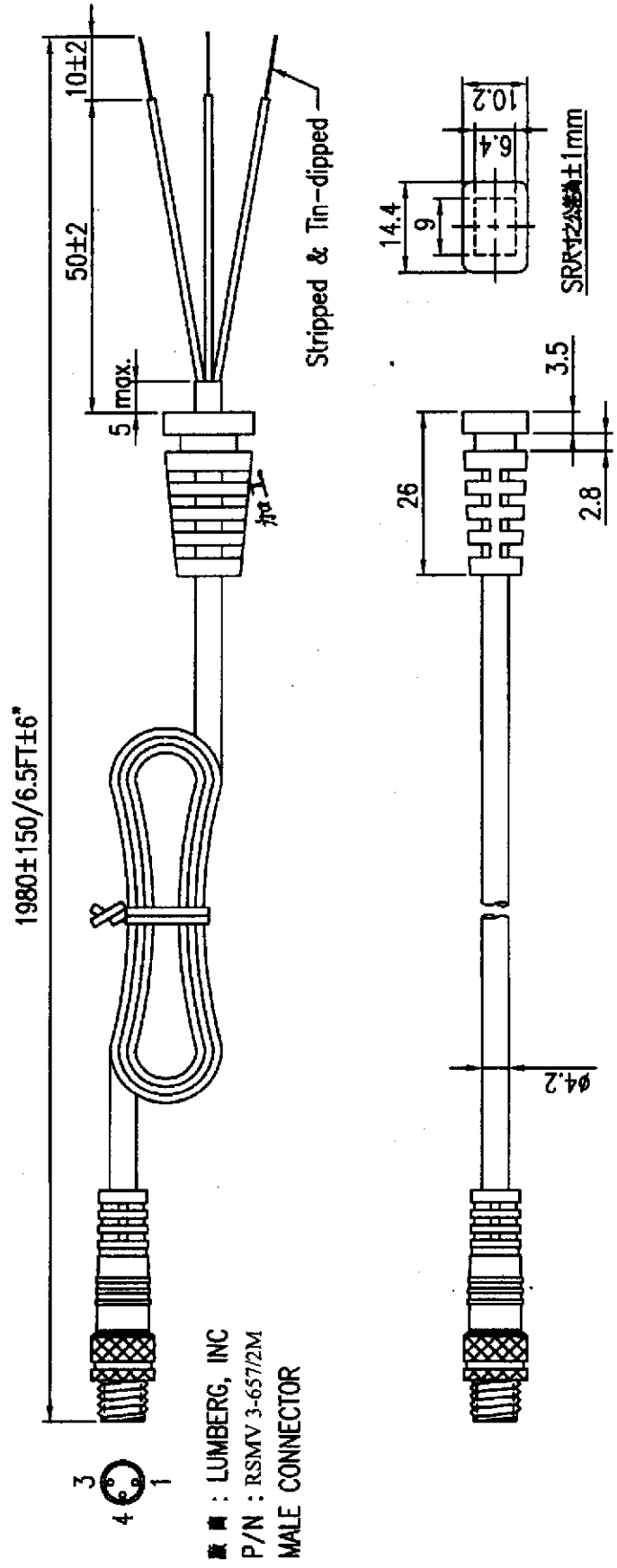
[5] MATERIAL LIST :

ITEM 2/5	COMPONENT	DESCRIPTION	MANUFACTURER
	PRIMARY LEAD OUT & SECONDARY LEAD OUT	POLYURETHANE ENAMELLED COPPER WIRE, UEW, TEMPERATURE CLASS 130°C. UEW-B, TEMPERATURE CLASS 130°C.	VARIOUS
3	BOBBIN	DU PONT DE MENOURS & CO., (INC.) NYLON 66: ZYTEL 101L UL FILE NO.: E41938(C)	JENG SHONG ENTERPRISES CO., LTD. UL FILE NO.: E89776
4	CORE	SILICON STAMPING Z1135A EI-48-4H	NIPPON STEEL CORP.
6	CARDBOARD	JISC-2305 THICKNESS 0.25mm	ABEKAWA PAPER CO., LTD.
7	THERMAL FUSE	L33 130°C UL 1A/250V 2.5A/125V VDE 2A/250V G33 130°C 1A/250V, 2A/125V	JOINT FORCE METAL RESEARCH&CO. UL FILE NO.: E142267 VDE FILE NO.: 40008846 UCHIHASHI ESTEC CO., LTD. UL FILE NO.: E50082
8	INSULATION SYSTEM	CLASS B INSULATION SYSTEM, TYPE VIKING B-2, UL FILE NO.:E151849	HITRON

TRAN0980

PM-4000-15/REV.C-000502

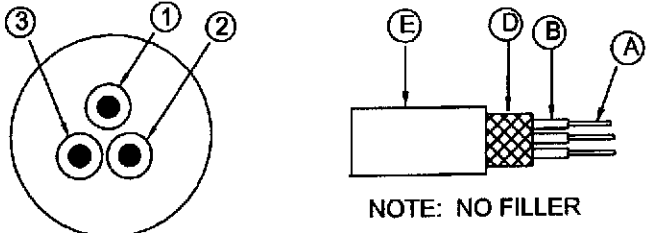
P/N:E3-90009



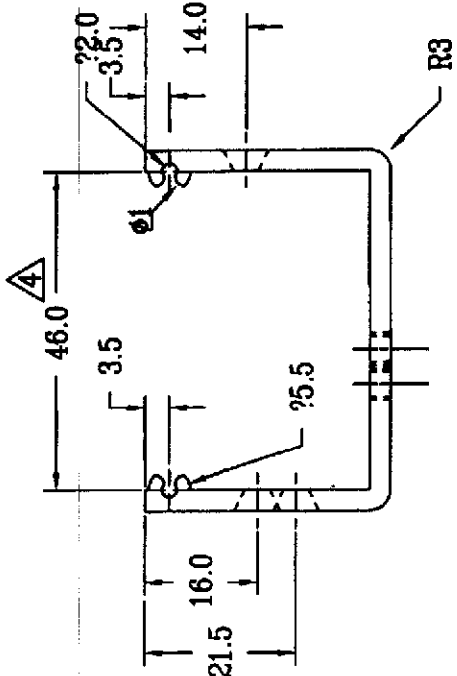
WIRE: $3 \times 0.34\text{mm}^2$

- PIN 1 : BROWN
- PIN 3 : BLUE
- PIN 4 : BLACK

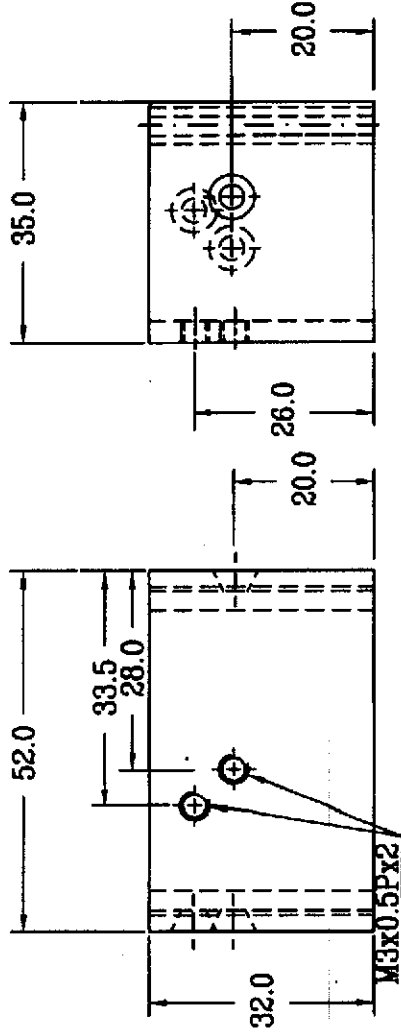
GlobTek Inc.										186 Vermont Drive Northvale NJ 07647, USA www.globtek.com 201-785-1000									
										TITLE		OUTPUT CORD & PLUG							
DRAWN		L. J. HUN		REV. NO.		A		UNIT		mm[inches]		TYPE		PS-3-5R		DEC. NO.		PS00025	
CHECKED		钟芳月		THIRD				TOL.		± 0.5		MODEL NO.		GS-1121(R)		DATE		10/09/07	

 Midlothian VA.	CABLE SPECIFICATION FOR AWM 2661 TYPE CABLE UL STYLE: 2661 CSA 105°C 300V	909657 PAGE 1/1																																								
 NOTE: NO FILLER COLOR OF CONDUCTORS 1 = BROWN 2 = BLUE 3 = BLACK																																										
JACKET TEXT: Print jacket text (shown below) with white ink. Text must be permanent and legible. 12" JACKET MARKING 909xxx Exxxx xx/xx UL AWM 2661 105°C VW-1 AMERICAN MADE RoHS CSA LLxxxx AWM A/B I/II 105°C 300V FT-1 May be also be written as C 88 1) The order of all items listed on cable jacket can vary. However, no items can be omitted, and no additional items can be included. 2) Package cable per P-021 3) Color limits on primary insulation is to be within requirements of EIA-359-A. 4) Cable must comply with lumberg specification CTS002 and CTS003. 5) MUST COMPLY WITH RoHS DIRECTIVE, SEE LUMBERG SPEC. P053.																																										
(A) CONDUCTORS: 22AWG bare annealed copper, 26 strands of 36AWG																																										
(B) INSULATION: 105°C PVC UL class 43, CSA class 21 Hardness: Shore D60 Thickness: .009 inches minimum average Diameter: 22AWG conductors = 0.050 ±0.003 inches Flame Resistance: VW-1																																										
(C) FILLER: None																																										
(D) SEPARATOR: Tissue or material pre-approved by Lumberg Engineering (jacket must be machine stripable) - convolutions minimum																																										
(E) JACKET: 105°C PVC UL class 43, CSA class 21 (Pressure extruded), Oil resistant Hardness: Shore 76A instant / 70A after 15 S. Thickness: .030" min. average Diameter: .190" ^{+0.10}/_{-.005} Color: Black Flame Resistance: FT-1																																										
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">SERVICE VOLTAGE</td> <td style="width: 50%;">≤ 300VAC</td> </tr> <tr> <td>VOLTAGE WITHSTAND</td> <td>1500Veff</td> </tr> <tr> <td>CONDUCTOR RESISTANCE</td> <td>56 Ω/km</td> </tr> <tr> <td>INSULATION RESISTANCE</td> <td>30MΩ/km</td> </tr> </table> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 5px;"> <tr> <td colspan="2" style="text-align: center;">TEMPERATURE RATINGS</td> </tr> <tr> <td style="width: 50%;">STATIONARY APPLICATIONS</td> <td style="width: 50%;">-40°C to +105°C</td> </tr> <tr> <td>FLEXING APPLICATIONS</td> <td>-15°C to +105°C</td> </tr> </table>			SERVICE VOLTAGE	≤ 300VAC	VOLTAGE WITHSTAND	1500Veff	CONDUCTOR RESISTANCE	56 Ω/km	INSULATION RESISTANCE	30MΩ/km	TEMPERATURE RATINGS		STATIONARY APPLICATIONS	-40°C to +105°C	FLEXING APPLICATIONS	-15°C to +105°C																										
SERVICE VOLTAGE	≤ 300VAC																																									
VOLTAGE WITHSTAND	1500Veff																																									
CONDUCTOR RESISTANCE	56 Ω/km																																									
INSULATION RESISTANCE	30MΩ/km																																									
TEMPERATURE RATINGS																																										
STATIONARY APPLICATIONS	-40°C to +105°C																																									
FLEXING APPLICATIONS	-15°C to +105°C																																									
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">APPROVAL:</td> <td style="width: 10%;">REV.</td> <td style="width: 10%;">1</td> <td style="width: 10%;">2</td> <td style="width: 10%;">A</td> <td style="width: 10%;">B</td> <td style="width: 10%;">C</td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> </tr> <tr> <td>BAB</td> <td>DATE</td> <td>02.22.02</td> <td>3.11.02</td> <td>2.12.04</td> <td>1.23.06</td> <td>8.18.06</td> <td></td> <td></td> <td></td> </tr> <tr> <td>DATE:</td> <td>BY</td> <td>LWE</td> <td>EWB</td> <td>TEC</td> <td>TST</td> <td>UCJ</td> <td></td> <td></td> <td></td> </tr> <tr> <td>1.23.06</td> <td>ECR #</td> <td>A02-2-012</td> <td>A02-2-020</td> <td>VR04-1-24</td> <td>GU5-12-08</td> <td>GU6-08-19</td> <td></td> <td></td> <td></td> </tr> </table>			APPROVAL:	REV.	1	2	A	B	C				BAB	DATE	02.22.02	3.11.02	2.12.04	1.23.06	8.18.06				DATE:	BY	LWE	EWB	TEC	TST	UCJ				1.23.06	ECR #	A02-2-012	A02-2-020	VR04-1-24	GU5-12-08	GU6-08-19			
APPROVAL:	REV.	1	2	A	B	C																																				
BAB	DATE	02.22.02	3.11.02	2.12.04	1.23.06	8.18.06																																				
DATE:	BY	LWE	EWB	TEC	TST	UCJ																																				
1.23.06	ECR #	A02-2-012	A02-2-020	VR04-1-24	GU5-12-08	GU6-08-19																																				
CAD FILE: 909657.DWG																																										

FM-4000-10/REV.A-091893"



- NOTES: $\phi 3.7 \pm 0.1 \Delta$
- 1. A HOLES $\phi 3.5$ C'SINK $\phi 6.5$ (3 PLACES)
 - 2. FINISH: PARKERIZING.
 - 3. REMOVE ALL BURRS AND BREAK SHARP EDGES



GlobTek Inc.					186 Veterans Drive Northvale, NJ 07647 USA www.globtek.com 201.766.1000												
TITLE					HEAT SINK												
UNIT		mm	SCALE	1 / 1	MAT'L		ALUMINUM t=3.0		DEC. NO.		A-0051		MODEL NO.		HEA-48-3X		
TOL.		± 0.2		mm		THIRD				DRAWN		J. W. J&W		DATE		04. 15. 1995	

Test Record No. 1

Tests on Model GT-51084-12N12 is not required due to transferring file from Applicant Globtek (Suzhou) Co Ltd., File E336418, Vol. X1, E336418-A8.