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### **UL TEST REPORT AND PROCEDURE**

Standard: UL 60950-1, 2nd Edition, 2014-10-14 (Information Technology

Equipment - Safety - Part 1: General Requirements)

CAN/CSA C22.2 No. 60950-1-07, 2nd Edition, 2014-10 (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:** ITE POWER SUPPLY **Model:** GTX46401-WWVV-X.XZ

X part can be "M" or "-" or "H" for market identification and not related

to safety.

WW denotes the rated output wattage designation, with a maximum

value of 40.

VV denotes the standard rated output voltage designation, which can

be 12, 15, 19, 24.

-X.X is optional deviation, subtracted from standard output voltage,

which is -4.0 or blank.

Z denote any six character = 0-9 or A-Z or ()[] or - or blank for

marketing purposes.

**Rating:** I/P: 100-240Vac, 50-60Hz, 1.0A

O/P:

See Miscellaneous 7-01 for details.

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 UL LLC ('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 UL LLC (UL) or any authorized licensee of UL.

Prepared by: Nat Liu/ Amos Chen Reviewed by: Kyle Lin

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### **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 -
  - 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**

This equipment is a direct plug-in adapter with electrical components mounted on PWB and enclosed within plastic enclosure secured by ultrasonic welding.

#### **Model Differences**

All Models are similar to each other except for output rating, transformer, rating of Secondary components, Storage Capacitor (C1), current sense resistors (R1) and model designation. See Miscellaneous 7-01 for details.

#### **Technical Considerations**

- Equipment mobility: direct plug-in
- Connection to the mains : pluggable A
- Operating condition : continuous
- Access location : operator accessible
- Over voltage category (OVC) : OVC II
- Mains supply tolerance (%) or absolute mains supply values: +10%, -10%
- Tested for IT power systems : No
- IT testing, phase-phase voltage (V): N/A
- Class of equipment : Class II (double insulated)
- Considered current rating of protective device as part of the building installation (A): 20A
- Pollution degree (PD): PD 2
- IP protection class : IP X0
- Altitude of operation (m): Up to 4000 meters
- Altitude of test laboratory (m): less than 2000 meters
- Mass of equipment (kg): Maximum 0.24 kg
- 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: Pluggable A

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- The product is intended for use on the following power systems: TN
- The equipment disconnect device is considered to be: Plug
- The product was investigated to the following additional standards: (1) The product was evaluated to be operated up to 4000 m above sea level per Annex G and the multiplication factor (1.29, linear interpolation used) of table A.2 of IEC 60664-1, Edition 2.0: 2007 was applied to determine the minimum required clearance; (2) The product was evaluated to the maximum acceptable moment, center of gravity, dimensions and weight of the product in accordance with UL 1310; (3) The blade dimension was evaluated to be complied with NEMA configurations in accordance with Wiring Devices-Dimensional Specifications, ANSI/NEMA WD6.
- The following accessible locations (with circuit/schematic designation) are within a limited current circuit: Bridging capacitor CY101 secondary circuit.
- The following circuit locations (with circuit/schematic designation) were investigated as a limited power source (LPS): Secondary output.
- The following are available from the Applicant upon request: Installation (Safety) Instructions / Manual
- LEDs provided in the product are considered low power devices: Yes

### **Additional Information** N/A Markings and instructions Clause Title Marking or Instruction Details Power rating - Ratings Ratings (voltage, frequency/dc, current) Listee's or Recognized company's name, Trade Name, Trademark or File Power rating -Number Company identification Power rating -Model Number Model Power rating -Symbol for Class II construction Class II symbol (60417-2-IEC-5172) Fuses - Non-operator access/soldered-in Unambiguous reference to service documentation for instructions for fuses replacement of fuses replaceable only by service personnel Fuses - Rating Rated current and voltage and type located on or adjacent to fuse or fuseholder.

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LPS Marking (Optional)	Marked "LPS" or "Limited Power Source"	

### **Special Instructions to UL Representative**

Inspect the transformer(s) listed in BD1.1 per AA1.1- (C). When the tests are conducted at other location, inspect test record and specification sheet provided by the component manufacturer. Verify the specification sheet indicates 100% routine test specified in BD1.1 is conducted at the component manufacturer. The test record noted above shall be submitted to the manufacturer from transformer manufacturer. The test record can be in the form of a actual test record. A stamp or sticker on the transformer or other method verifying the routine test is being completed on 100% production is also acceptable.

Production-L	ine Testing Requ	irements				
<b>Electric Stren</b>	ngth Test Special	Constructions	- Refer to Generic Insp	ection Ins	structions, F	Part AC for
further inforn	<u>nation.</u>					
		Removable		V		Test Time,
Model	Component	Parts	Test probe location	rms	V dc	S
	Transformer T1		Primary Pin to	300	4242	1
this report			Secondary Pin	0		
Earthing Con	tinuity Test Exen	nptions - This te	est is not required for th	ne followi	ng models:	
Electric Street	anth Tant Evenant	iono Thiotoct	is not required for the	fallandaa	madala.	
Electric Strei	igtn Test Exempt	ions - This test	is not required for the	rollowing	models:	
Electric Strer	ngth Test Compo	nent Exemption	ns - The following solid-	state cor	nponents m	ay be
disconnected	d from the remain	der of the circu	<u>iitry during the perform</u>	ance of the	<u>nis test:</u>	
Sample and	Test Specifics for	Follow Up Too	to at III			
Sample and	est specifics for	Follow-Op res	is at UL			
Model	Component	Material	Test	e.	ample(s)	Test Specifics
	Component	เงเลเตเลเ	1 531	36	ampie(s)	Specifics
N/A						

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1.5.1	TABLE: list of critica	I components				Pass
Object/part or Description	Manufacturer/ trademark	type/model	technical data	Product Category CCN(s)	Required Marks of Conformity	Supplement ID
01. Enclosure and Replaceable plug holder material	SABIC INNOVATIVE PLASTICS	SE1X(GG)(f1)	Two pieces construction, secured together by ultrasonic welding, rated V-1 or better, 130 degree C min. Minimum 2.0 mm thickness. See Enclosure/Diagram ID 4-06 for dimensions	QMFZ2	UL	
02. Input Blades			Solid copper, non-grounding, non-polarized, NEMA 1-15P configuration, integrally molded on Bottom Enclosure. Spaced minimum 5.1 mm from perimeter edge of Enclosure.			
03. Fuse (FS1)	Various	Various	Listed, T2AL 250Vac	JDYX	UL	
03a. Fuse (FS1) (Alternate)	Conquer Electronics Co Ltd	MST	Rated T2AL 250Vac	JDYX2	UL	
03b. Fuse (FS1) (Alternate)	Ever Island Electric Co Ltd & Walter Electric	2010	Rated T2AL 250Vac	JDYX2	UL	
03c. Fuse (FS1) (Alternate)	COOPER BUSSMANN LLC	SS-5	Rated T2AL 250Vac	JDYX2	UL	
03d. Fuse (FS1) (Alternate)	Bel Fuse Inc	RST	Rated T2AL, 250Vac.	JDYX2	UL	
03e. Fuse (FS1) (Alternate)	DONGGUAN BETTER ELECTRONIC TECHNOLOGY CO LTD	932	Rated T2AL, 250Vac.	JDYX2	UL	
03f. Fuse (FS1) (Alternate)	HOLLYLAND CO LTD	5ET	Rated T2AL, 250Vac.	JDYX2	UL	
04. X-Capacitor (CX1)	Cheng Tung Industrial Co Ltd	СТХ	Rated max 0.33 uF, min 250 V, X1 or X2 type, 110 degree C. (Compliance with IEC 60384-	FOWX2	UL	

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			14, the duration of damp heat,			
			steady state test is 21 days)			
04a. X-Capacitor (CX1)	Tenta Electric	MEX	Rated max 0.33uF, min 250 V,	FOWX2	UL	
(Alternate)	Industrial Co Ltd		X1 or X2 type, 100 degree C.			
			(Compliance with IEC 60384-			
			14, the duration of damp heat,			
			steady state test is 21 days)			
04b. X-Capacitor (CX1)	Ultra Tech Xiphi	HQX	, ,	FOWX2	UL	
(Alternate)	Enterprise Co Ltd		X1 or X2 type, 100 degree C.			
			(Compliance with IEC 60384-			
			14, the duration of damp heat,			
			steady state test is 21 days)			
04c. X-Capacitor (CX1)	CARLI	MPX	Rated max 0.33uF, min 250 V,	FOWX2	UL	
(Alternate)	ELECTRONICS CO		X1 or X2 type, 100 degree C.			
	LTD		(Compliance with IEC 60384-			
			14, the duration of damp heat,			
			steady state test is 21 days)			
04d. X-Capacitor (CX1)	JOEY	MPX	Rated max 0.33uF, min 250 V,	FOWX2	UL	
(Alternate)	ELECTRONICS		X1 or X2 type, 105 degree C.			
	(DONG GUAN) CO		(Compliance with IEC 60384-			
	LTD		14, the duration of damp heat,			
			steady state test is 21 days)			
04e. X-Capacitor (CX1)	XIANGTAI	MKP/MPX	Rated max 0.33uF, min 250 V,	FOWX2	UL	
(Alternate)	ELECTRONIC		X1 or X2 type, 110 degree C.			
	(SHENZHEN) CO		(Compliance with IEC 60384-			
	ĹTD		14, the duration of damp heat,			
			steady state test is 21 days)			
05. Bleeder Resistor			Max. 1.5MOhm, min. 1/4W			
(RS1, RS2)						
06. Bleeder Resistor			Max. 510KOhm, min. 1/4W			
(RS3)						
07. Bridge Diode (BD1)			Rated 4A, minimum 600 V.			
08. Storage Capacitor			Rated 400 V, max. 68uF, min.			
(C1)			105 degree C, provided with			
(For models GT-46401-			integral pressure relief			
3012, GT-46401-3015,						
GT-46401-3319, GT-						

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	I				
46401-3024-4.0, GT-					
46401-3024)					
09. Storage Capacitor			Rated 400 V, max. 82uF, min.		
(C1)			105 degree C, provided with		
(For models GT-46401-			integral pressure relief		
3612, GT-46401-4015,					
GT-46401-4019, GT-					
46401-4024-4.0, GT-					
46401-4024)					
10. Transistor (Q1)			Rated 6-10 A, minimum 600 V.		
11. Bridge Capacitors	Success Electronics	SE, SB	Rated max. 1000pF, min. 250	FOWX2	UL
(CY1) (optional)	Co Ltd	,	Vac, 125 degree C, Y1 type.		
			(Compliance with IEC 60384-		
			14, the duration of damp heat,		
			steady state test is 21 days)		
11a. Bridge Capacitors	TDK-EPC	CD	Rated max. 1000pF, min. 250	FOWX2	UL
(CY1) (optional)	CORPORATION		Vac, 125 degree C, Y1 type.		
(Alternate)			(Compliance with IEC 60384-		
, ,			14, the duration of damp heat,		
			steady state test is 21 days)		
11b. Bridge Capacitors	Walsin Technology	AH	Rated max. 1000pF, min. 250	FOWX2	UL
(CY1) (optional)	Corp		Vac, 125 degree C, Y1 type.		
(Alternate)	·		(Compliance with IEC 60384-		
,			14, the duration of damp heat,		
			steady state test is 21 days)		
11c. Bridge Capacitors	Haohua Electronic	CT 7	Rated max. 1000pF, min. 250	FOWX2	UL
(CY1) (optional)	Co		Vac, 125 degree C, Y1 type.		
(Alternate)			(Compliance with IEC 60384-		
,			14, the duration of damp heat,		
			steady state test is 21 days)		
11e. Bridge Capacitors	XIANGTAI	YOB, YOF, YOE	Rated max. 1000pF, min. 250	FOWX2	UL
(CY1) (optional)	ELECTRONIC		Vac, 125 degree C, Y1 type.		
(Alternate) (Alternate)	(SHENZHEN) CO		(Compliance with IEC 60384-		
,	ĹTD		14, the duration of damp heat,		
			steady state test is 21 days)		
12. Optical Isolator (U1)	Lite-On Technology	LTV-817	Isolation: 5000 Vac, minimum	FPQU2	UL
	Corp		100 degree C. DTI=0.4mm		

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			minimum.		
12a. Optical Isolators (U1) (Alternate)	Everlight Electronics Co Ltd	EL817	Isolation: 5000 Vac, minimum 110 degree C. DTI=0.4mm minimum.	FPQU2	UL
12b. Optical Isolators (U1) (Alternate)	COSMO ELECTRONICS CORP	K1010	Isolation voltage minimum 5000 Vac, minimum 115 degree C. DTI=0.4mm minimum.		UL
12c. Optical Isolators (U1) (Alternate)	BRIGHT LED ELECTRONICS CORP	BPC- 817XXXXXX, BPC- 817MXXXXXX, BPC- 817SXXXXXX, where XXXXXX can be any alphanumeric character or blank.	Isolation voltage minimum 5000 Vac, minimum 100 degree C. DTI=0.4mm minimum.	FPQU2	UL
12d. Optical Isolators (U1) (Alternate)	RENESAS ELECTRONICS CORPORATION	PS2561-1	Isolation voltage minimum 5000 Vac, minimum 100 degree C. DTI=0.4mm minimum.	FPQU2	UL
13. Line filter (LF2)		NF00025	Open type construction. Rated 130 degree C. See Enclosure / Diagram ID 4-05 for construction details.		
13-01. Core			Ferrite, overall measured overall 8 mm by 4 mm by 4mm		
13-02. Coil	Various	Various	Rated minimum 130 degree C.	OBMW2	UL
13-03. Tubing/Sleeving	Various	Various	Rated 200 degree C, VW-1, 600V max.	YDPU2	UL
13-04. Triple Insulated Wire	Various	Various	Rated minimum 130 degree C	OBJT2	UL
13-05. Varnish	Various	Various	Rated minimum 200 degree C.	OBOR2	UL
14. Line filter (LF1)		NF00124	Open type construction. Rated 130 degree C. See Enclosure / Diagram ID 4-04 for construction details.		

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14-01. Core			Ferrite, overall measured overall 16 mm by 12mm by 8mm.		
14-02. Coil	Various	Various	Rated minimum 130 degree C.	OBMW2	UL
14-03. PWB	Various	Various	V-2 or better, minimum 130 degree C.	ZPMV2	UL
14-04. Varnish	Various	Various	Rated minimum 200 degree C.	OBOR2	UL
14-05. Insulation Tape (Alternate)	Various	Various	Rated minimum 130 degree C.	OANZ2	UL
15. Transformer (T1) (for GT-46401-3612, GT-46401-3012, GT-46401-3015)		XF00936	Class B, See Enclosure / Diagram ID 4-01 for construction details.		
15-a. Transformer (T1) (for GT-46401-4019, GT- 46401-4024-4.0, GT- 46401-3024-4.0, GT- 46401-3319)		XF00945	Class B, See Enclosure / Diagram ID 4-02 for construction details.		
15-b. Transformer (T1) (for GT-46401-4024, GT- 46401-3024)		XF00946	Class B, See Enclosure / Diagram ID 4-03 for construction details.		
15-01. Insulation system for Transformer (T1)		130-1	Insulation system Class B (130 degree C, adapted form GREAT LEOFLON INDUSTRIAL CO LTD, Type GH-130)	OBJY2	UL
15-02. Core			RM10 Type, Ferrite, dimension 30mm by 20 mm by 9.2mm		
15-03. Coil	Various	Various	130 degree C	OBMW2	UL
15-04. Bobbin	Chang Chun Plastics Co., Ltd.	T375J	V-0, 150degree C, Phenolic, thickness 0.8mm minimum	QMFZ2	UL
15-04a. Bobbin (Alternate)	SUMITOMO BAKELITE CO LTD	PM-9820	V-0, 150degree C, Phenolic, thickness 0.71mm minimum	QMFZ2	UL
15-05. Tubing/Sleeving	Great Holding Industrial Co. Ltd.	TFL, TFS, TFT	Rated 200 degree C, VW-1, 600V max.	YDPU2	UL
15-06. Triple Insulated Wire	Great Leoflon Industrial Co. Ltd.	TRW(B)	130 degree C	OBJT2	UL

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15-07. Varnish	John C. Dolph Co.	BC-346A	Rated minimum 200 degree C.	OBOR2	UL	
15-07a. Varnish	Elantas Electrical	V1630FS	Rated minimum 130 degree C.	OBOR2	UL	
(Alternate)	Insulation Elantas Pdg Inc					
15-08. Insulation Tape	3M Company	1350F-(#)	130 degree C.	OANZ2	UL	
15-08a. Insulation Tape (Alternate)	3M Company	1350T-1	130 degree C.	OANZ2	UL	
15-08b. Insulation Tape (Alternate)	BONDTEC PACIFIC CO LTD	370S	130 degree C.	OANZ2	UL	
16. Strain Relief Of Output Cord	Various	Various	PVC bushing integrally molded on output cord. See Enclosure - Diagrams 4-07 for dimensions details.	QMFZ2	UL	
17. Output Cable	Various	Various	Rated Minimum 30 V, Minimum 80 degree C, Maximum 3.05 m long, marked VW-1 or FT-1. Terminates with a polarized connector outside enclosure.	AVLV2	UL	
18. PWB	Various	Various	V-0 or better, minimum 105 degree C.	ZPMV2	UL	
19. Label	Various	Various	Minimum 70 degree C. if maximum surface temperature not specified.	PGDQ2, PGJI2	UL	
20. Heat Sink (HS1) (Consideration as Primary)			Aluminum, minimum 2.0 mm thick. See Enclosure 4-09 for detailed dimensions.	-		
21. Heat Sink (HS2) (Consideration as Secondary)			Aluminum, minimum 2.0 mm thick. See Enclosure 4-10 for detailed dimensions.	-		
22. Current sense resistor (R1) (For models GT-46401- 3012, GT-46401-3015, GT-46401-3319, GT- 46401-3024-4.0, GT-			0.3 ohm, 2W.			

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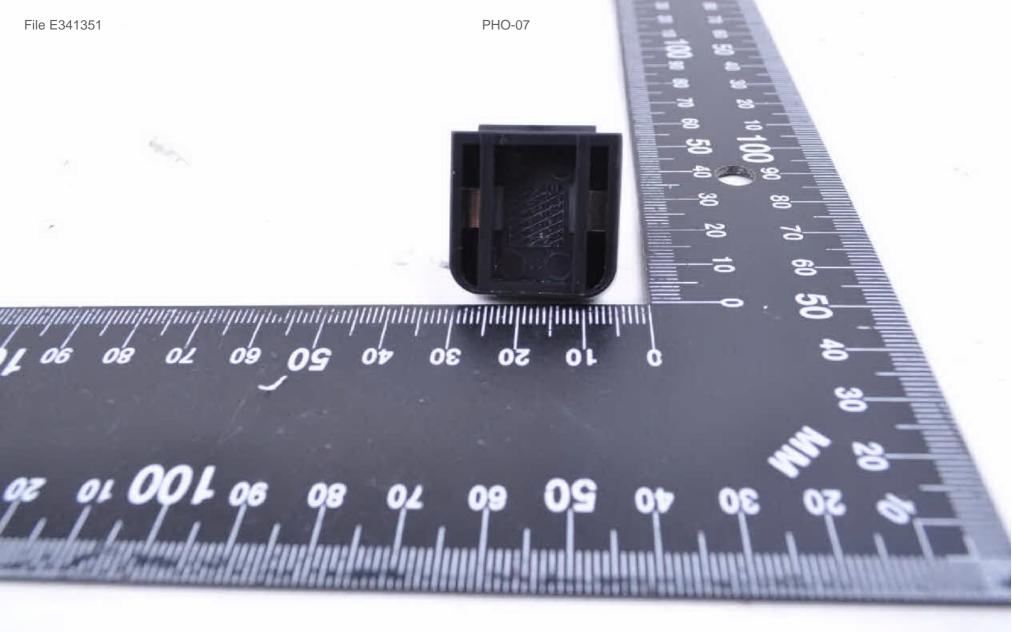
46401-3024)						
22a. Current sense			0.33 ohm, 2W.			
resistor (R1)						
(For models GT-46401-						
3012, GT-46401-3015,						
GT-46401-3319, GT-						
46401-3024-4.0, GT-						
46401-3024)						
22b. Current sense			0.27 ohm, 2W.			
resistor ((R1)						
(For models GT-46401-						
3612, GT-46401-4015,						
GT-46401-4019, GT-						
46401-4024-4.0, GT-						
46401-4024)						
23. Internal Plastic	Various	Various	Rated V-2 minimum.	QMFZ2	UL	
Material						

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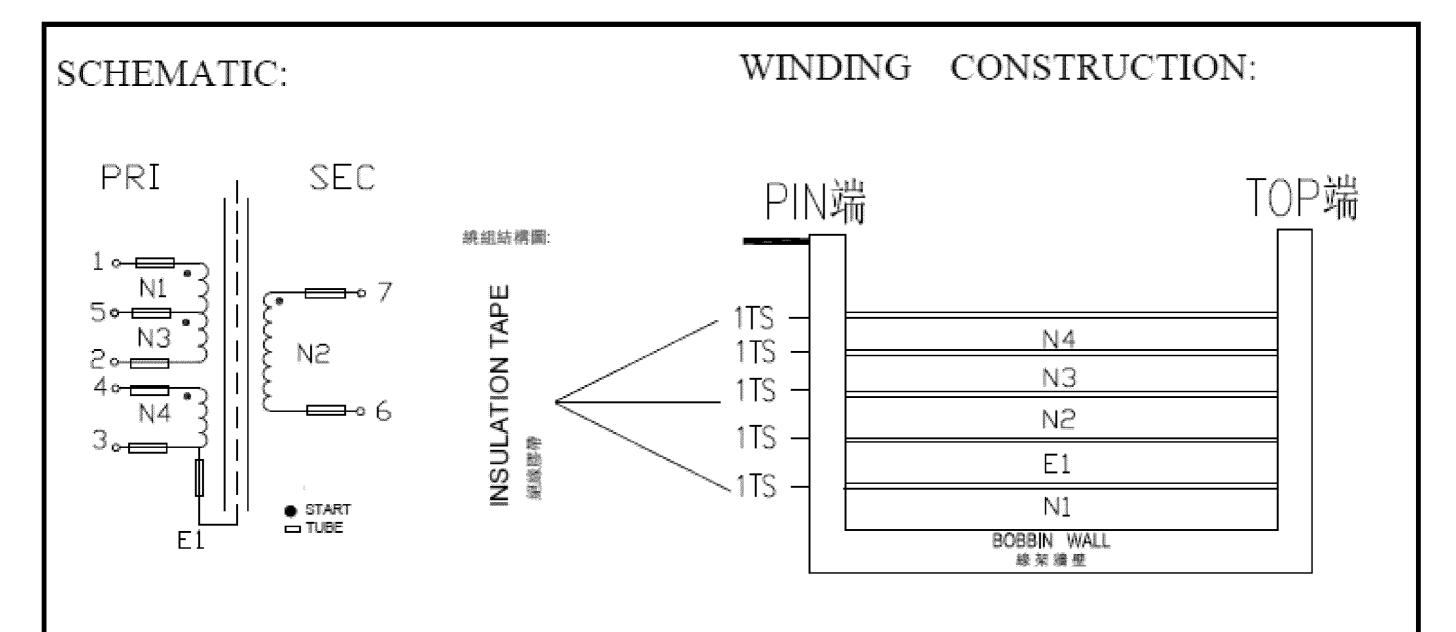
## **Enclosures**

<u>Type</u>	Supplement Id	<u>Description</u>
Photographs	3-01	Overall view-1
Photographs	3-02	Overall view-2
Photographs	3-03	Overall view-3
Photographs	3-04	Internal view
Photographs	3-05	PWB top view
Photographs	3-06	PWB bottom view
Photographs	3-07	Plug holder
Diagrams	4-01	Transformer T1 Specification (for Model GT-46401-3612, GT-46401-4015, GT-46401-3012, GT-46401-3015)
Diagrams	4-02	Transformer T1 Specification (for Models GT-46401-4019, GT-46401-3319)
Diagrams	4-03	Transformer T1 Specification (for Model GT-46401-4024, GT-46401-3024)
Diagrams	4-04	Line filter (LF1)
Diagrams	4-05	Line filter (LF2)
Diagrams	4-06	Enclosure dimensions
Diagrams	4-07	Strain Relief Means dimensions
Diagrams	4-08	Plug dimensions
Diagrams	4-09	Heat Sink (HS1) dimensions
Diagrams	4-10	Heat Sink (HS2) dimensions
Schematics + PWB	5-01	Main Board PWB Layout
Miscellaneous	7-01	Model Difference





# **SPECIFICATION**

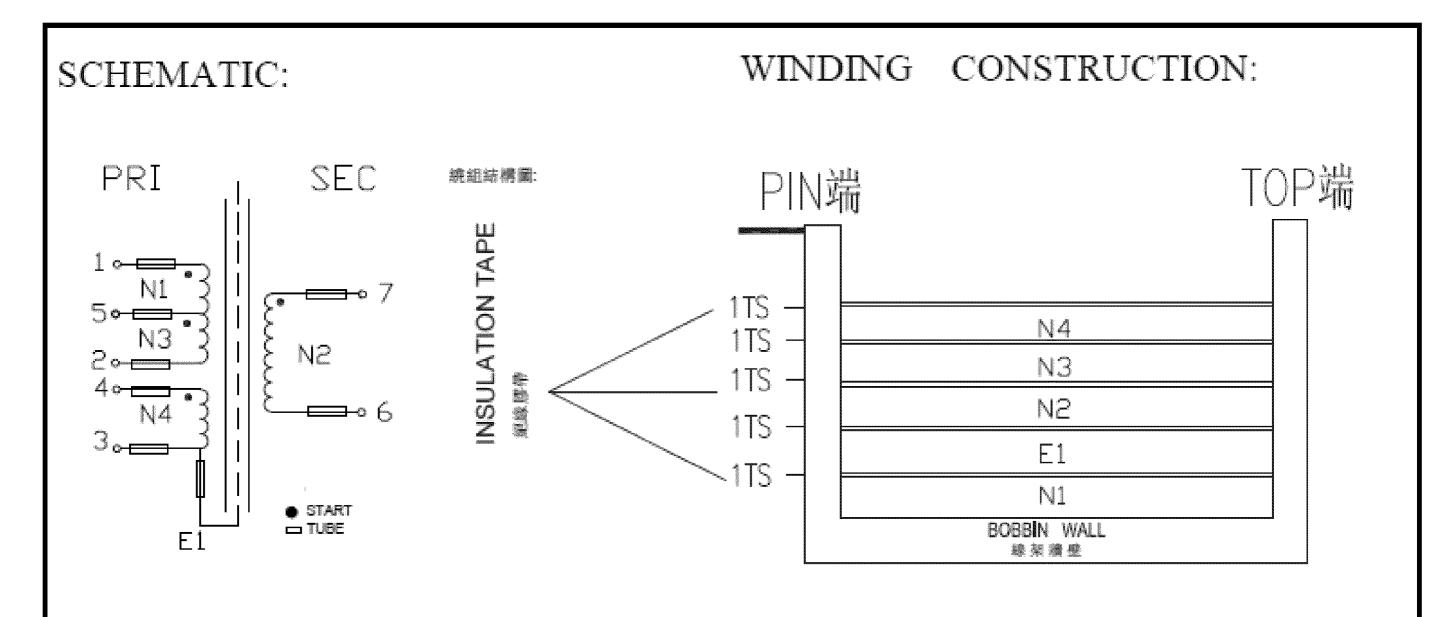


## 4. WINDING TABLE

WINDING	¥7	2000		WIRE 劉線線徑	WDG. TURNS	植省区	帶規格			美頭美閣	₽₽(mm)	TAPE 膠帶	REMARK
維組	PIN	FIN		2UEW				S	1000		J.J.Z.5 7mm?	(0.025*11mm)	
N1		5		0.30mm*2P	29Ts			#23	#23				密整2层 加 层可数带
E1			0,03	25mm*8mmCL	0.9Ts			#28				1 5	Fri
N2	· ·	6		TRW(B) <sub>0.9mm*1</sub> P	<i>7</i> Ts			#17				1 Ts	
N3	<u>.</u>	2		0.30mm*2P	20Ts			#23	#23			175	SSZ.T
N4	4	3		0.30mm <b>*</b> 1P	913			#28	#28			1Ts	居中全等

DESCRIPTION TRA	ANSFORMER C	Customer P/N	XF00936	DATE	2015/5/21

# **SPECIFICATION**

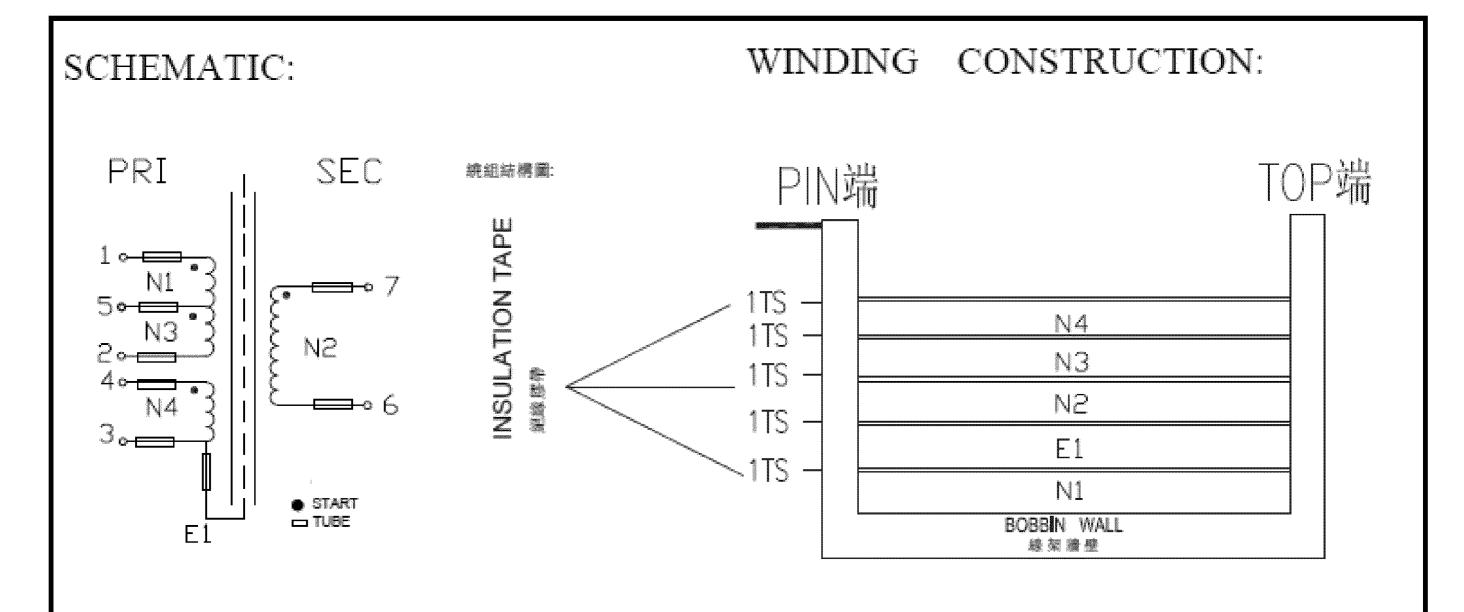


## 4. WINDING TABLE

WINDING	精湛	始端 終末			WIRE	WDG. TURNS	植造形	<b></b>		The same of the sa	44 (mm)	TAPE 膠帶	REMARK
熱艦	PIN				X 10 30 13 14 15 25 15 15 15 15 15 15 15 15 15 15 15 15 15	# MENS			5		9.025 711110	(0.025*11mm)	
N1			5		0.30mm*2P	29Ts			#23	#23		1Ts	在\$2层,加 层河政策
E1	3			0,06	?5mm <b>*</b> 8mmCl	0.9Ts			#28			1Ts	压中袋
N2	7		6		TRW(B)0.8mm*1P	9Ts			#8	#18		1Ts	
N3	5		2		0.30mm*2P	20Ts			#23	#23		1Ts	卷等2层,加 层可改作
N4	4		3		0.30mm <b>*</b> 1P	975			#28	#28		1Ts	居中舊義

DESCRIPTION	TRANSFORMER	Customer P/N	XF00945	DATE	2015/5/21

# **SPECIFICATION**



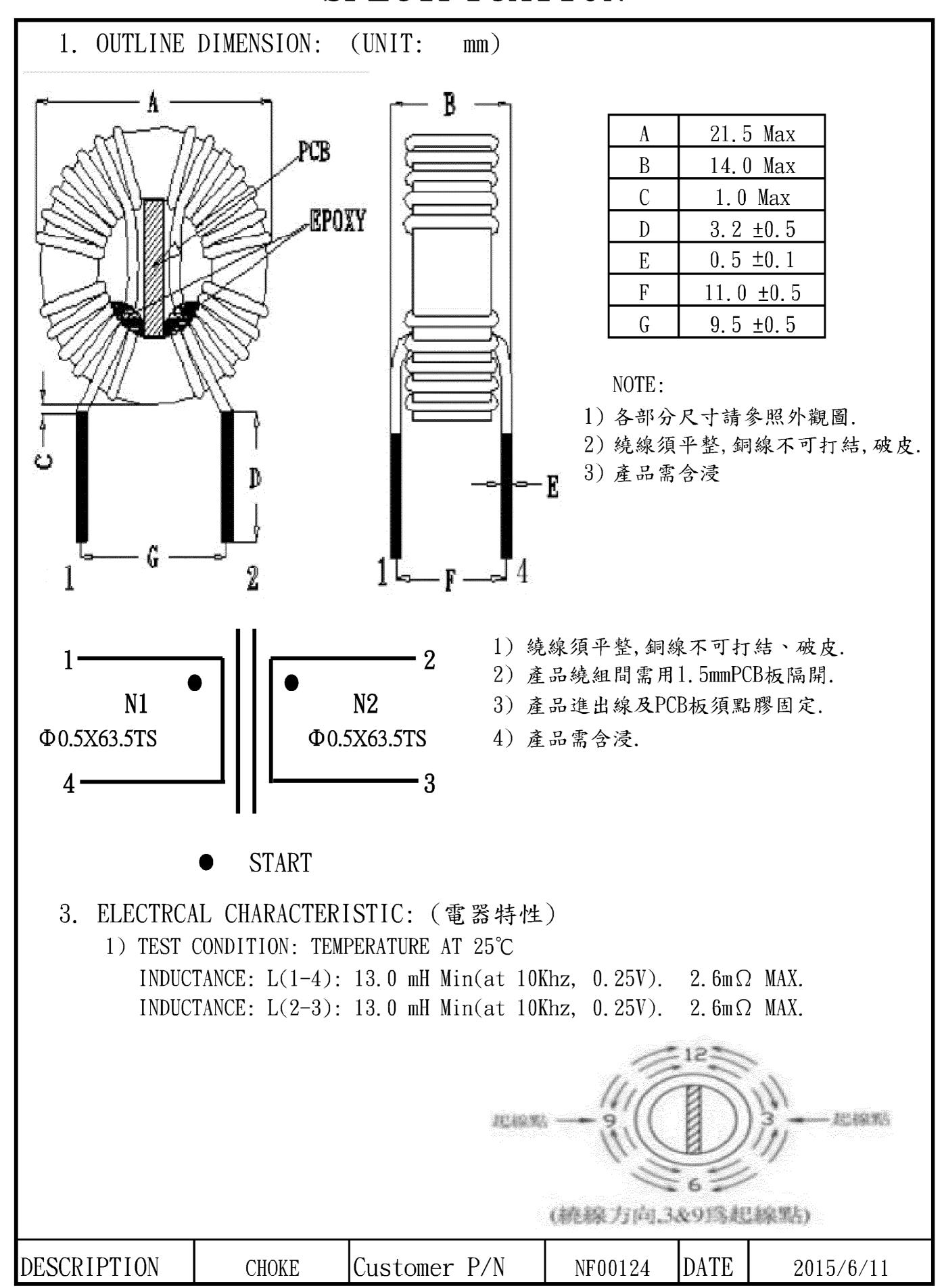
## 4. WINDING TABLE

WINDING		danika Pana			WIRE	WDG.	棺幾豚	带規格	熱氣		:#2 (mm)	TAPE 膠帶	REMARK
#1 #1	P		PIN		網線線徑 2UEW	TURNS			S	A CONTRACTOR OF THE CONTRACTOR	0.025*7mm)	/136 T13 (0.025 11mm)	
N1			5		0.30mm*2P	29Ts			#23	#23		TS	este m Edva
E1				0,06	?5mm*8mmCl	0.9Ts			#28			1 T	
N2	l'A		6		TRW(B) <sub>0.65mm*1</sub>	P 10Ts				#19		₹ <b>T</b> s	
N3	Ę,		2		0.30mm*2P	20Ts			#23	#23		1Ts	密数2层,加 层间数数
N4	4		3		0.30mm <b>*</b> 1P	9Ts			#28	#28		1Ts	居中省统

DESCRIPTION	TRANSFORMER	Customer P/N	XF00946	DATE	2015/5/21

File E341351

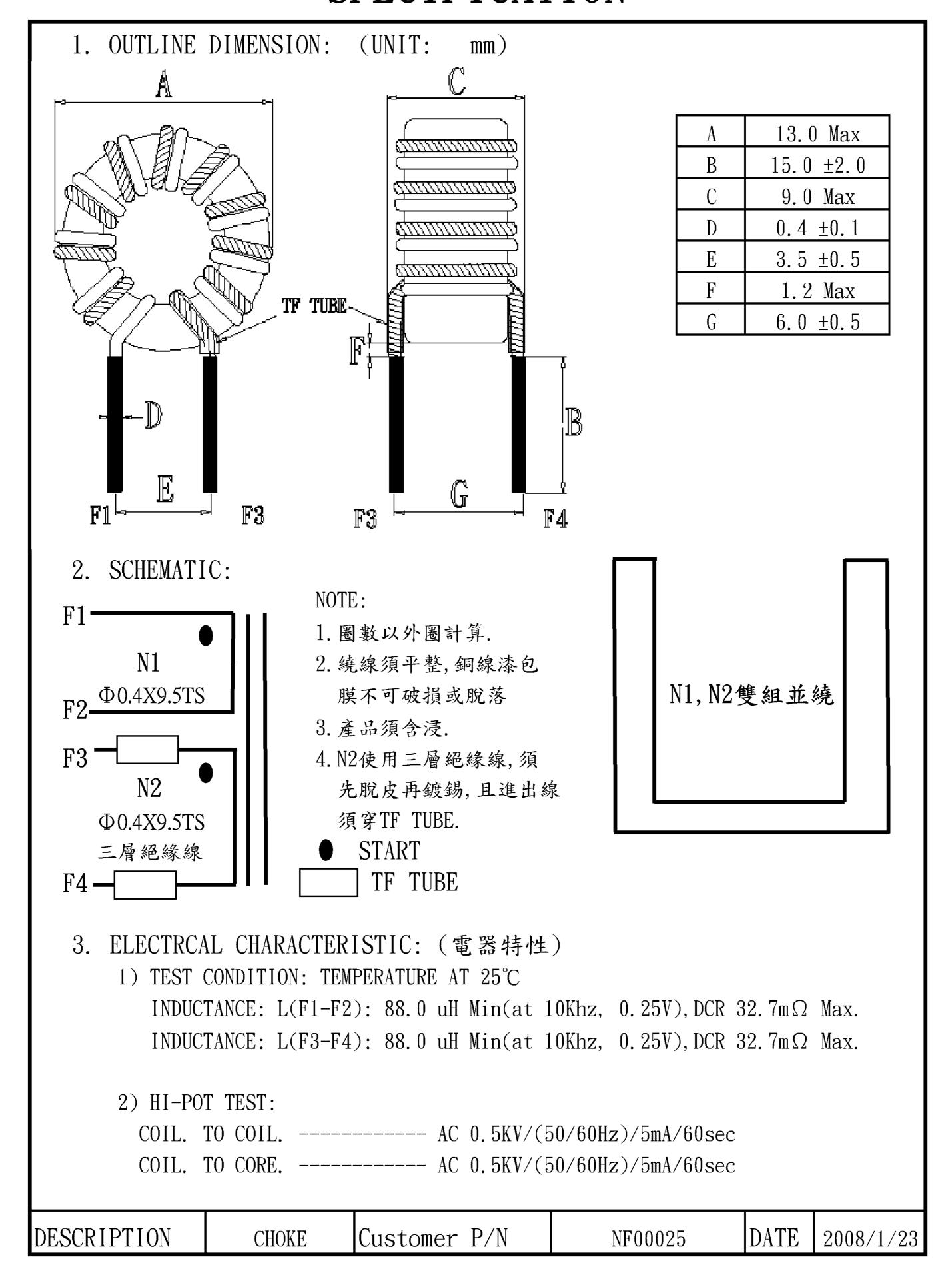
## **SPECIFICATION**

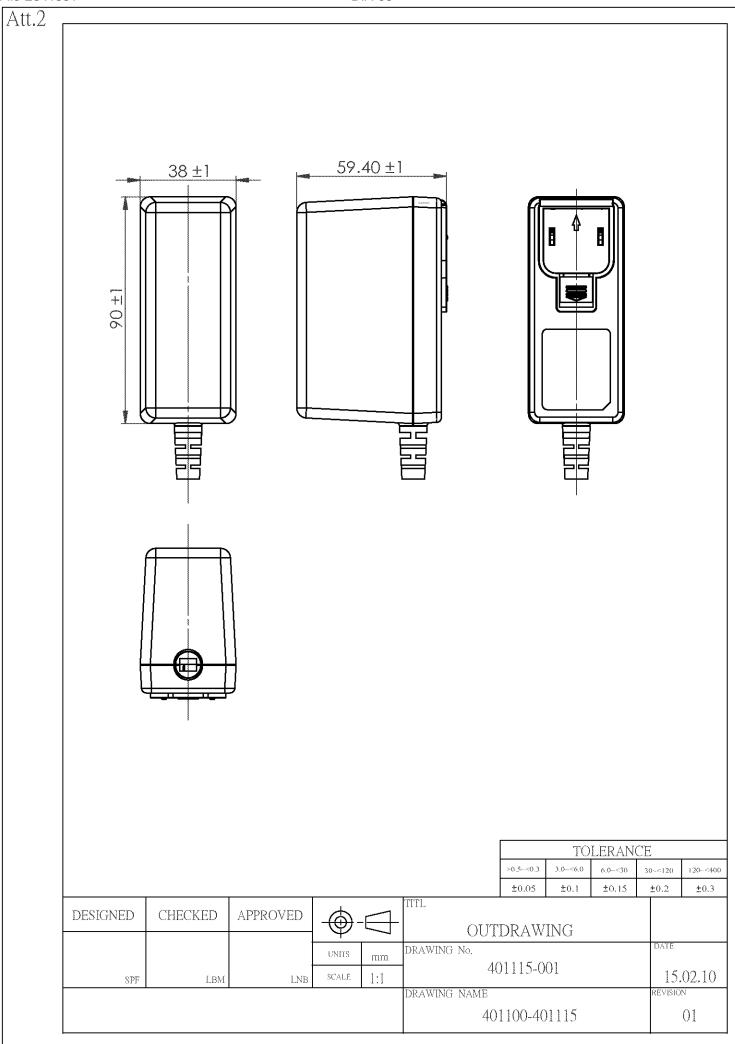


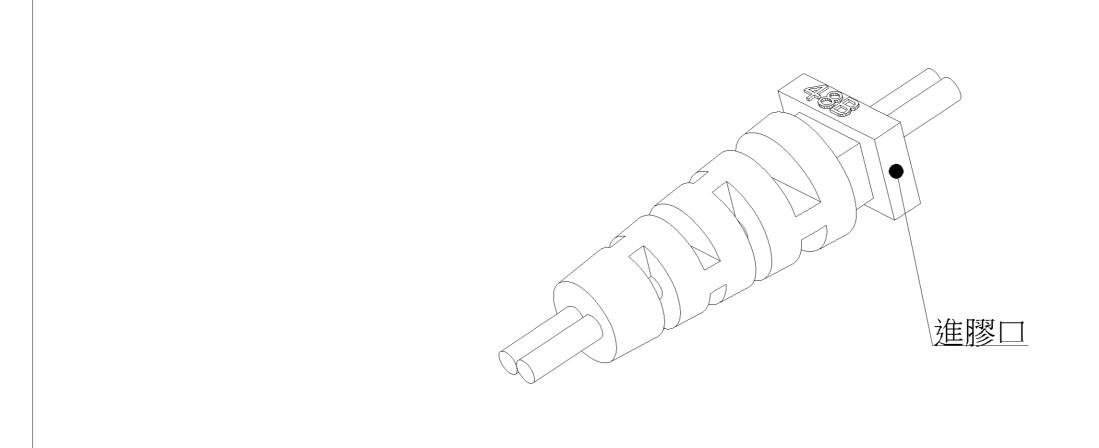
File E341351

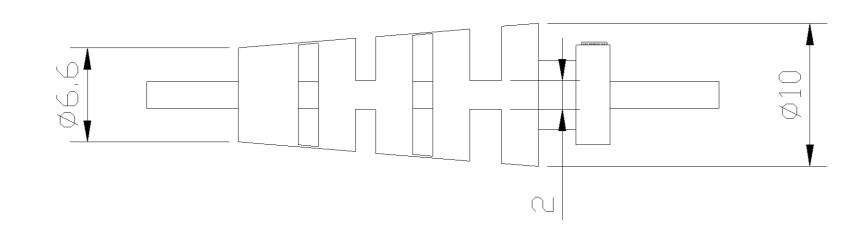
## **SPECIFICATION**

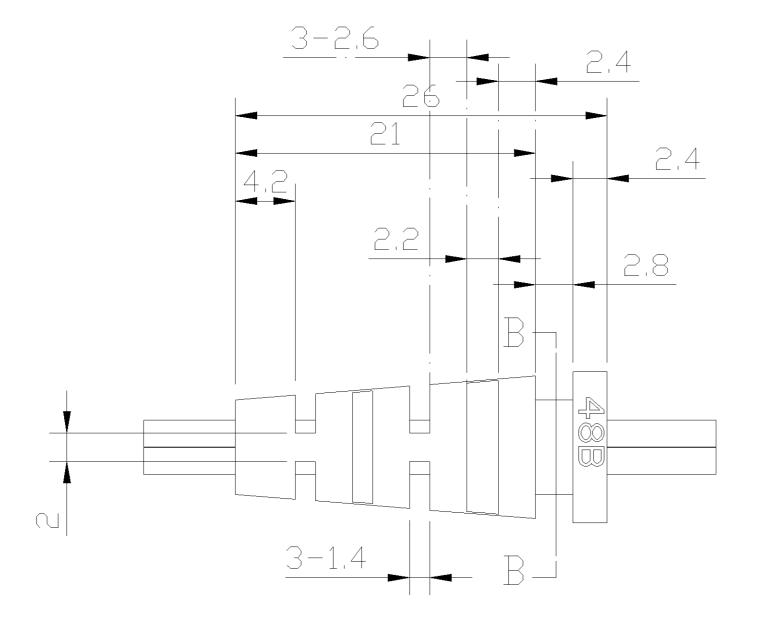
**DIA-05** 

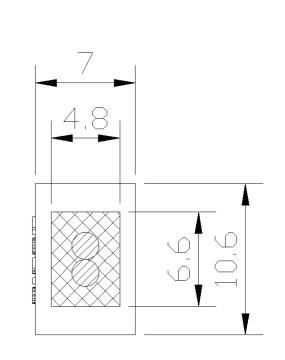












線材OD: ∅1.5X3.0; ∅1.7X3.4;

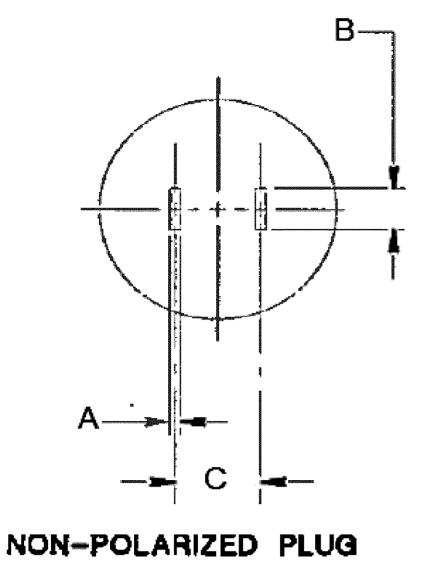
∅1.8X3.6; ∅1.9X3.8

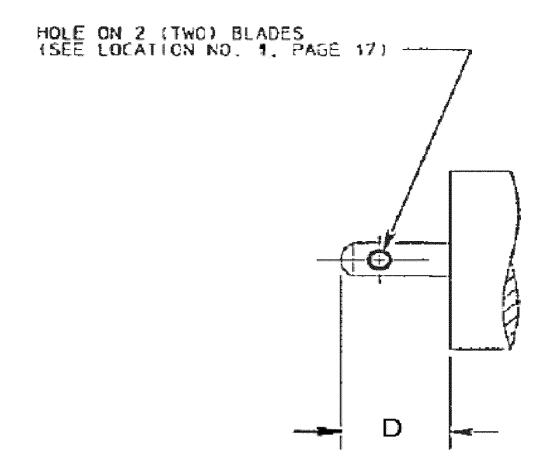
未標示圓角R0.2mm

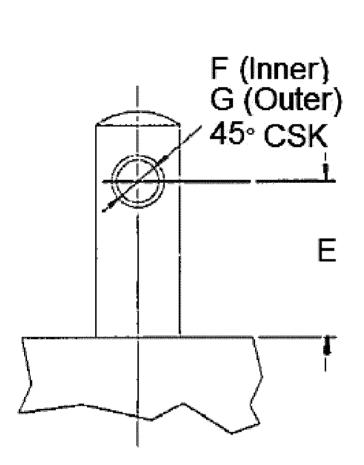
模具要求刻字

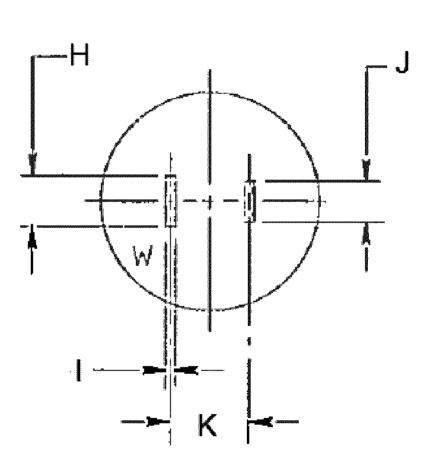
TOLERANCE							
>0.5~ <3.0	3.0~ <6.0	6.0~ <30	30~<120	120~ < 400			
±0,1	+015	+02	±03	±0.4			

DESIGNED	CHECKED	APPROVED		TITLE	SR	DATE
					SIX	
lily.cai	liu min	zhu rg	UNIT\$ mm	DRAWING	No. R48B	08/02/20
			SCALE		N40D	00/02/20
				DRAWING		REVISION
					48B	01





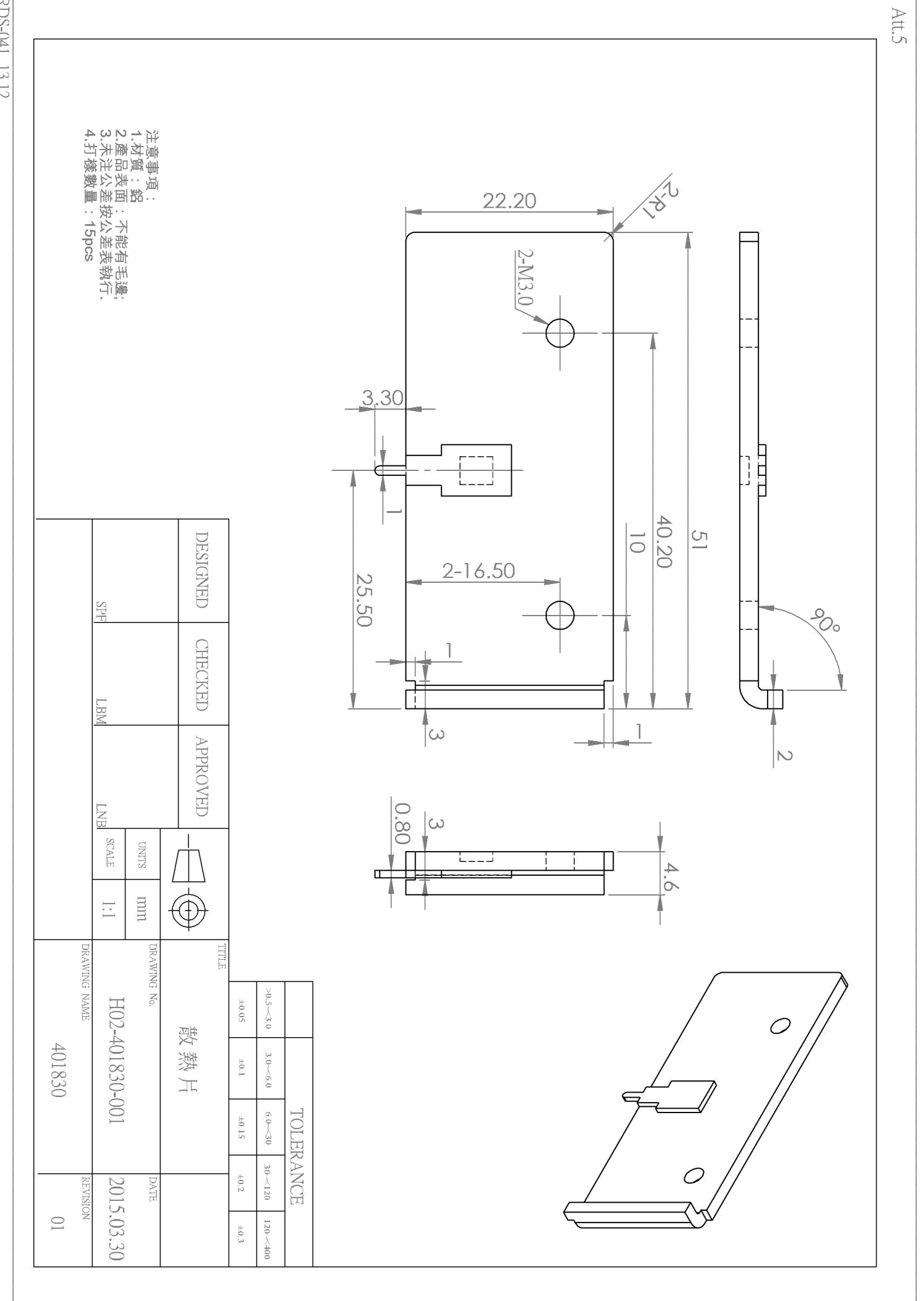


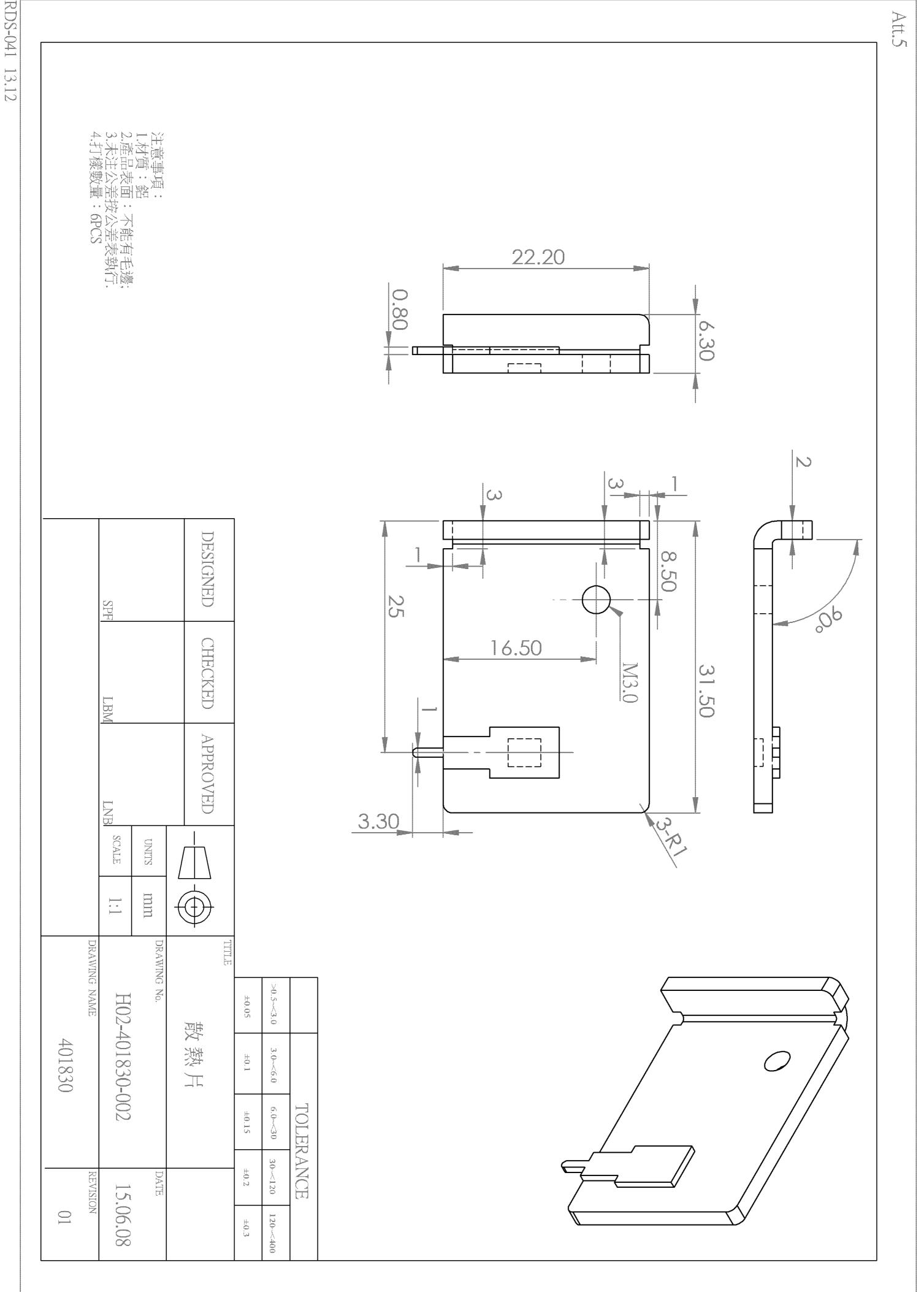


POLARIZED PLUG

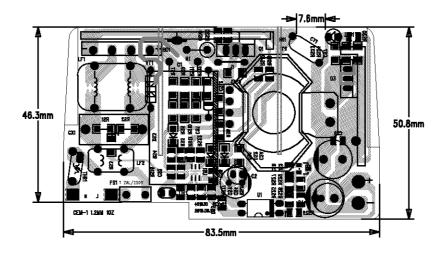
TABLE: N	North American plug dimension	according to NE	EMA 1-15P	Verdict
Location	Dimensions (mm)	Measurement (mm)	Limit (mm)	
A, I	Thickness of live pin	1.50	$1.524^{\pm 0.127} $ (1.397 - 1.651)	P
B, J	Width of live pin	6.30	6.096 - 6.604	P
C, K	Distance between two live pins (center)	1.270	$12.70^{\pm 0.127}_{(12.573 - 12.827)}$	P
D	Length of live pins	17.20	15.875 - 18.237	P
Е	Distance between hole center and plug face (if hole used)	12.10	$11.786^{\pm 0.381} \\ (11.405 - 12.167)$	P
F	Inner diameter of hole (if hole used)	3.050	$3.175^{\pm0.127}$ (3.048 – 3.302)	P
G	Outer diameter of hole (if hole used)	4.0	$3.962^{\pm0.127}$ (3.835 – 4.089)	P
Н	Width of wider live pin		7.798 - 8.179	N/A

Note: P= Pass: F=Fail: N/A= Not Applicable.

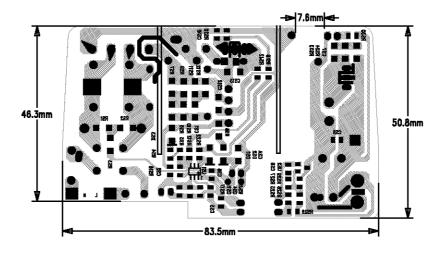




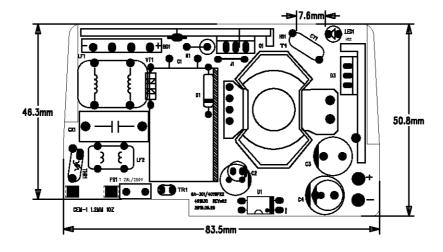
File E341351 SCH-01



File E341351 SCH-01



File E341351 SCH-01



<sup>File E</sup> <b>35 ™</b> model name	Output voltage	Output current	Max.W	Transformer
GT-46401-3612	12V	3.0A	36W	XF00936
GT-46401-4015	15V	2.66A	40W	XF00930
GT-46401-4019	19V	2.1A	40W	XF00945
GT-46401-4024-4.0	20V	2.0A	40W	AF00945
GT-46401-4024	24V	1.66A	40W	XF00946
GT-46401-3012	12V	2.5A	30W	XF00936
GT-46401-3015	15V	2.0A	30W	XF00930
GT-46401-3319	19V	1.73A	33W	XF00945
GT-46401-3024-4.0	20V	1.5A	30W	AF00945
GT-46401-3024	04-22 13:13:45 -05:00 24V	1.25A	30W	XF00946

Issue Date: 2016-04-07 Page 1 of 1 Report Reference # E341351-A84-UL

Test Record

### Test Record No. 1

Tests on Models GTX46401-WWVV-X.XZ are not required due to copy file