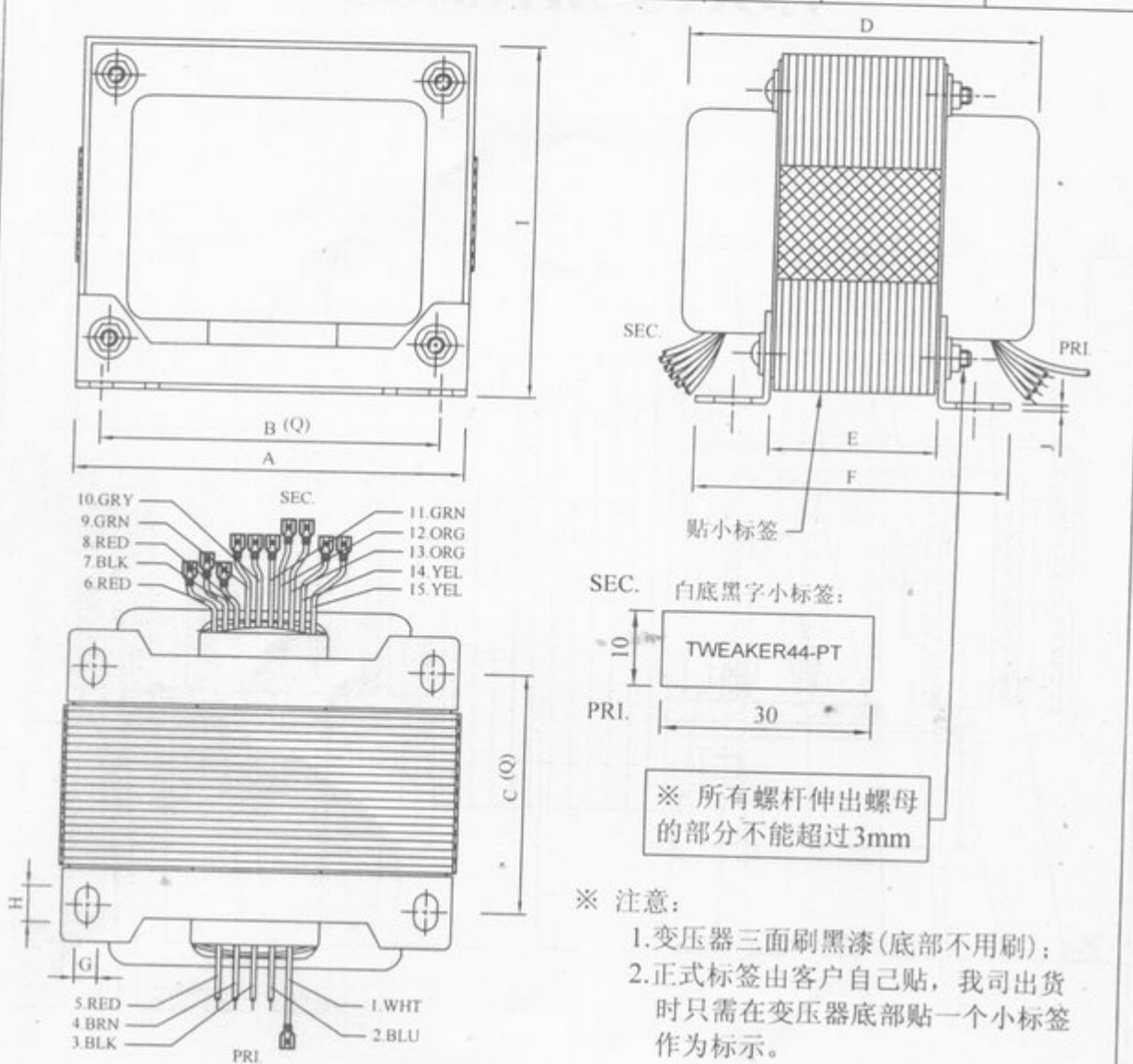


# OUTLINE

NO.: F2-001-06A

A	B	C	D	E	F	G
100.0± 1.5	89.0± 1.5	60.6± 2.0	103.0MAX	41.0± 1.5	78.0± 2.0	5.0± 0.5
H	I	J	K	L	M	N
10.0± 0.5	83.0± 2.0	1.2± 0.1				



No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
COLOR	WHT	BLU	BLK	BRN	RED	RED	BLK	RED	GRN	GRY	GRN	ORG	ORG	YEL	YEL		
AWG#	20				20				18		18		20				
LENGTH	200	180				140	210	140	230		280		230				
HOUSING	7038-BS-2	S & T				7038-BS-2 x 3P			7038-BS-2 x 3P		7038-BS-2 x 2P		7038-BS-2 x 2P				
CLASS	4617				1015				1015		1015		1015				

UNIT: mm	DATE: JUL.20.2011.	ITEM:	FAMILY NO.:
华侨电子股份有限公司 FEDERAL ELECTRONIC CO., LTD.		P/N: TWEAKER44-PT	1006231F-A

# 华侨电子股份有限公司

## FEDERAL ELECTRONIC CO., LTD.

### SPECIFICATION OF POWER TRANSFORMER

NO.: F2-001-11A

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Date: JUL.20.2011.

CLIENT	弘裕	ORDER/FAMILY NO.	1006231F-A	MODEL/PART NO.	TWEAKER44-PT
RATING					
Pri. Voltage	115/230 V	50/60	Hz	#2	VDC ± 5%
Exciting current	Less than 300 mA	(at 230VAC 50Hz)		(Q) 3.15x2	VAC ± 0.2V
Sec. No load				#3	17.0 VDC ± 5%
Voltage	6-7-8	#1	329.7 Vx 2	(Q)	VAC ± 5%
	9-10-11	#2	3.3 Vx 2	#4	-80.0 VDC ± 5%
	12-13	#3	15.8 Vx 1	(Q)	VAC ± 5%
	14-15	#4	62.8 Vx 1	#5	VDC ± 5%
Sec. output #1	± 205.0	VDC ± 2%	160 mA	Sec. total	
(Q)	VAC ± 5%		mA	Output VA ± 5%	
CORE	TYPE	EI - 96		THICKNESS	40 mm
	MATERIAL	H-50A THCS 0.50 mm			
POLARIY	WINDING TERMINAL	TURNS		MATERIAL	
PRI		TURNS		2UEW	Φ mm
SEC1		TURNS		2UEW	Φ mm
SEC2		TURNS		2UEW	Φ mm
SEC3		TURNS		2UEW	Φ mm
Specification of lead wire				TEST CIRCUIT	
1.WHT	200 ± 10mm	9.GRN	230 ± 10mm		
2.BLU	180 ± 10mm	10.GRY	230 ± 10mm		
3.BLK	180 ± 10mm	11.GRN	230 ± 10mm		
4.BRN	180 ± 10mm	12.ORG	280 ± 10mm		
5.RED	180 ± 10mm	13.ORG	280 ± 10mm		
6.RED	140 ± 10mm	14.YEL	230 ± 10mm		
7.BLK	210 ± 10mm	15.YEL	230 ± 10mm		
8.RED	140 ± 10mm	16.	± 10mm		
End of lead: 10 ± 3 mm soldering					
1: UL 1617 AWG #20 + 7038-BS-2					
2-5: UL 1617 AWG #20					
6-8: UL 1015 AWG #20 + 7038-BS-2 x 3P					
9-11: UL 1015 AWG #18 + 7038-BS-2 x 3P					
12-13: UL 1015 AWG #18 + 7038-BS-2 x 2P					
14-15: UL 1015 AWG #20 + 7038-BS-2 x 2P					
VOLTAGE REGULATION	LESS THAN		15 %		
TEMPERATURE RISE	LESS THAN		°C		
WITHSTAND VOLTAGE(Hi-Pot) (Q)	AC 3750/500V 50 Hz ONE MINUTE		(Leakage current: 5 mA MAX)		
LAYER WITHSTAND VOLTAGE	AC 460 V 400Hz 20 SECONDS		VARNISH VACUUM IMPREGNATION		
IMPREGNATION	VARNISH VACUUM IMPREGNATION		LABEL		
MARKING			Kg		
WEIGHT					
Remarks					
* 1) T.F1, T.F4, T.F5: 115°C 250V 2A					
2) T.F2, T.F3: 115°C 250V 5A					