# SPECIFICATION FOR APPROVAL

PART DESCRIPTION	Power Transformer	MODEL NO.	B <u>F-4396-EF16</u>
CUSTOMER		CUSTOMER'P/N.	
REVISION	R4	DATE	2009.7.8

PLEASE RETURN US ONE COPY OF "SPECFICATION
FOR APPROVAL" WITH YOUR APPROVAL SIGNATURE

Approval Signature								

### **BAO FENG**

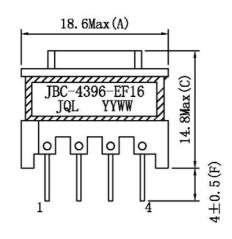
TEL: 86-755-8950 6455 FAX: 86-755-8950 6456

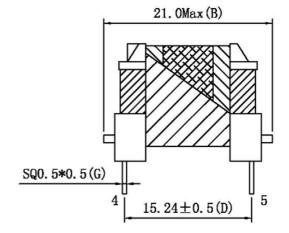
#### **BAO FENG**

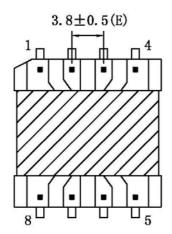
CUSTOMER	Ivent Solutions Ltd.	MODEL	EF16	ITEM NO.	BF-4396-EF16	PAGE	1/3
CUSTOMER'P/N		REVISION	R4	DATE	2009-07-08		

#### **ROHS COMPLIANCE** ①

#### —, OUTLINE DIMENSION (UNIT: mm)

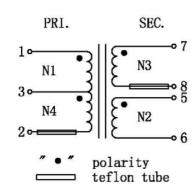




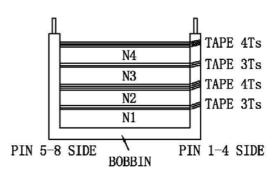


- Note: 1. Pin 2, 8 add teflon tube.
- 2. Gap core put at pin 5-8 side of the part and fix core with 3 turns 5mm tape.
- 3. Wrap 3 turns 10mm tape out of coil after assemble core, and weld one layer 0.05\*6mm copper foil out of the tape.
- 4. Wrap 2 turns 10mm tape out of the copper foil after varnished.
- 5. Winding direction viewing from the pin 1-4 side of the part is anticlockwise.
- 6. Put label as shown, "YY" means year, "WW" means week.

#### 二、ELECTRICAL SCHEMATIC



#### 三、WINDING CONSTRUCTION



Prepared By	Zhu	Checked By	Zhu	Approved By	Sunny
-------------	-----	------------	-----	-------------	-------

# **BAO FENG**

CUSTOMER	Ivent Solutions Ltd.	MODEL	EF16	ITEM NO.	BF-4396-EF16	PAGE	2/3
CUSTOMER'P/N		REVISION	R4	DATE	2009-07-08		

### **ROHS COMPLIANCE** ①

四、	WINDING	ORD	DER								
NO.	S-F POINT		WIRE SIZE	TU	RNS	MARGIN	INSULATED TAPE	]	REMARK		
N1	1—3	21	JEW-B ∅0.18*1P	43	Ts		1T		close		
N2	56	CE	3-TIW Ø0.25*1P	18	Ts		2Ts		close		
N3	7-8	CE	3-TIW Ø0.25*1P	18	Ts		1T		close		
N4	3—2	21	JEW-B ∅0.18*1P	66	Ts		2Ts	,	close		
五、	ELECTRIC	AL	CHARACTERISTI	CS							
NO.	ITEM		MEASURED POIN	T		TECHN	ICAL DATA		TEST CON & INSTRU	NDITION JMENT	
1	INDUCTANCE		L1-2			1. 40	mH±10%		CH-1062 1KH	z, 0. 30V	
2	LEAK INDUCTANCE		LK 1-2 (SHORTED S	SEC.)		30uH	Max		CH-1062 10K	Hz, 0.30V	
3	DCR		R1-2			3. 20	ΩMax		CH 502BC 20	±3℃	
4	HI-POT		PRI. TO SEC.		AC3.	0KV/50H2	z/1mA/60S无	异常	CS2670		
	TEST		COILS TO CORE	3	AC1.	1.0KV/50Hz/1mA/60S无异常					
5	INSULATED		PRI. TO SEC.			100M	Ω Min		NF2511 AT D	DC500V	
Ľ	RESISTANCE	1	COILS TO CORE	Ē.		100M	Ω Min				
六、	MATERIAL	L	IST								
NO.	ITEMS		MATERIA	ALS		SUPPLIERS/MANUFACTURER				UL FILE NO.	
1	BOBBIN		PET UL RATING:94V-	0		CHANG CHUN PLASTICS CO., LTD			, LTD	E59481 (S)	
2	FERRITE CO	RE	EF16 HC40			SHENZHEN HUACI ELECTRIONICS CO., LT. OR EQUIV.					
3	COPPER WIR	Œ	POLYURETHANE E COPPER WIRE: 2 THERMAL RATING	UEW		DIFA WIRE CABLE CO LTD., OR EQUIV.			E177138		
4	INSULATION TAPE	N	CT-XXX THERMAL RATING	:130°		HUIZHOU YAHUA STICKING TAPE CO LTD			E165111		
5	VARNISH T-4260 (a) 130°C				WU JIANG TAIHU INSULATING MATERIAL CO LTD			E228349			
6	TEFLON TUBE CB-TT, 300V 200℃				CHANGYUAN ELECTRONICS (SHENZHEN) CO LTD			E180908			
7	7 INSULATED CB-TIW 130°C				CHANGYUAN ELECTRONICS (SHENZHEN) CO LTD			E249037			
8	COPPER SHIELDING	G	T=0.05mm W=6mm			HONGLIYU CO., LTD	JAN ELECTRO	ONICS	(SHENZHEN)		

Prepared By	Zhu	Checked By	Zhu	Approved By	Sunny
-------------	-----	------------	-----	-------------	-------

# **BAO FENG**

CUSTOMER	Ivent Solutions Ltd.	MODEL	EF16	ITEM NO.	BF-4396-EF16	PAGE	3/3
CUSTOMER'P/N		REVISION	R4	DATE	2009-07-08		

### **ROHS COMPLIANCE** ①

				TI	EST	DA7	ſΑ					
ITEM	TERMINAL	CONI	OITION	UNITS	S	PEC.	1	2	3	4	5	判定
L	1-2		2, 0. 3V -1062	mH	1.40	0±10%	1. 45	1.36	5 1.468	1. 428	1.408	OK
Lk	1-2		z, 0. 3V -1062	uН	30	Max	15. 80	16.3	8 14.92	16. 71	14. 28	OK
DCR	1-2			Ω	3. 2	0 Max	2. 308	3 2.32	2 2.313	2.316	2. 309	OK
		20:	±3℃									
T/R		20K	Hz, 1V									
		+	-									
		1										
HI-POT	COIL-CORE	50Hz.	1mA. 60S	KVAC	1	. 00	OK	OK	OK	OK	OK	OK
	PRI-SEC	50Hz.	1mA. 60S	KVAC	3	3.00	OK	OK	OK	OK	OK	OK
	SEC-CORE			KVAC								
Insulation	PRI-SEC	50	OVDC -	M ohm	10	0 Min	OK	OK	OK	OK	OK	OK
resistance	COILS-COR	E 30	OVDC [	M ohm	10	0 Min	OK	OK	OK	OK	OK	OK
трет т	NSTRUMENT		I−1062		CH-50	)2B		VR-185	■数	显卡尺		
IESI I	NS I KUMEN I	CI	I–3250		CS26	70 [	EQI	IVALEN	CE			
尺寸	A	В	С	D		Е	Т	F	G			判定
规格(mm	18.6Max	21. OMax	14.8Max	15.24±	0.5	3.8±0	). 5 4	±0.5	SQ0. 5*0.	5		
1	17. 95	20. 15	14. 15	15. 25		3.85	4	. 02	0.5*0.5			OK
2	17. 96	20. 16	14. 18	15. 22		3. 78	3	. 95	0.5*0.5			OK
3	17. 99	20. 13	14. 12	15. 22		3.77	4	. 06	0.5*0.5			OK
4	17. 93	20.11	14. 13	15. 23		3.85	4	. 03	0.5*0.5			OK
5	17. 95	20. 15	14.11	15. 26		3.83	4	. 02	0.5*0.5			OK
Noto: 1	Annegrano	o con l	00 0000p	tod								

Note: 1. Appearance can be accepted.

<sup>2.</sup> Total quantity is 10 Pcs, test data for only 5 pcs be recorded.

Prepared By	Zhu	Checked By	Zhu	Approved By	Sunny