



全漢企業股份有限公司

承認書

料號 : 8TC0011504(X'FMR,EEL-16V(10P),D=0.3,62Ts,FSP300-65P4,6mH)
 版次 : 1
 文件編號 : APD04004878
 附件版本 : 01
 作者 : 陳勇勝
 客戶 :
 承認書狀態 : 規格
 製造商名稱 : SPI
 Model No/Type :
 備註 : 1.前版 "keep" .
 2.ECN NO:04DON-0001
 3.修改繞法
 送簽 : 大陸工程共用帳號
 研發部門 : OEM ENG
 機密 : N
 編號 :
 發行日期 : 2004/3/3-10:49:55
 ISO 編號 :

單位	姓名	單位	姓名	單位	姓名
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SPI Electronic Co., Ltd.

P/N.: 8TC0011504

MODEL NO: FSP300-65P4	TITLE: SPECIFICATION FOR TRANSFORMER	MATERIALS
材料規格表:		

NO.	ITEM	品名	規格	供應商
1.	CORE	SM50	EE1625S,ui=5000,AL=1550	三華
		A05	EEL-16,ui=5000,AL=1550	越峰
		JH7	EEL-16,ui=7000,AL=1550±20%	JINING
2.	WIRE	TYPU-130	0.3φ(G) 0.35φ	大亞
		TYA1-130		大亞
		UEWS/U		太平洋
3.	VARNISH	468-2(+)		傑地
4.	EPOXY	G-9008		固德
		H907		華創
5.	BOBBIN	T375J	EEL-16V(10P),(PD/2.7//3.5,RD/12),P-1604-2,C/08	品翔
			EEL-16V(10P),(PD/2.7//3.5,RD/12),HR-1611,C/08	恆麗
			EEL-16V(10P),(PD/2.7/3.5,RD/12.2),EL-1603-9,C/08	合進
6.	TAPE	#1350F-1	5mm,18mm	樺島
		#317F		邦泰
7.	MARGIN TAPE	#44	4.4mm*2L, 2L*2.2mm, 2.2mm*3L, 3L*4.4mm	樺島
		#201		邦泰

F/C採購

DRAWING NO	00115M
DATE	MAR.1,2004



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MODEL NO: FSP300-65P4	TITLE: SPECIFICATION FOR TRANSFORMER	SHEET: 1 OF 5
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1. PIN LOCATION AND CONNECTION

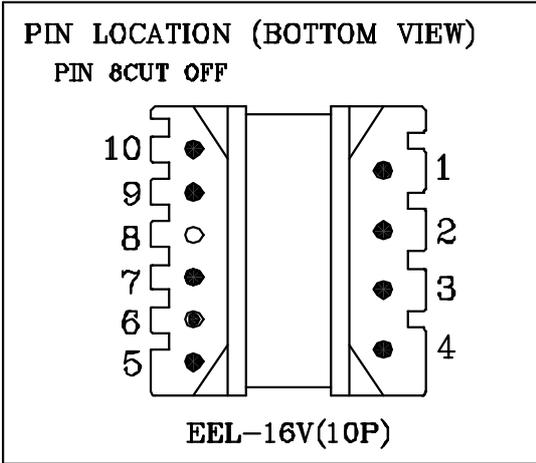


FIGURE-1

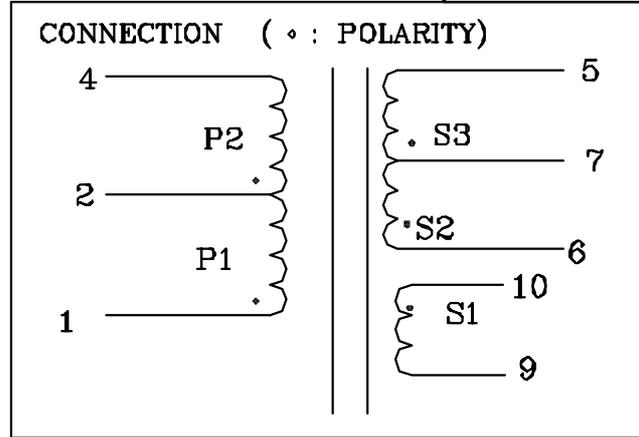


FIGURE-2

2. ELECTRICAL CHARACTERISTICS

2-1 INDUCTANCE, WIND, NUMBER OF TURN, DCR, AND WINDING MATERIALS

TEST VALUE: CHEN HWA 1061 F=20KHz V=0.1V 25°C

WINDING	NO. OF TURNS(S)	TYPE	WIRE	INDUCTANCE	DCR (MAX) in ohms	Q值 MIN	REMARK
			DIAMETER				
P1 (1-2)	31Ts	2UEW	0.3φ				
P2 (2-4)	31Ts	2UEW	0.3φ				
S1 (10-9)	9Ts	2UEW	0.3φ*2	125uH ±25%	55		
S2 (6-7)	9Ts	2UEW	0.3φ*2	125uH ±25%	55		
S3 (7-5)	2Ts	2UEW	0.35φ*3	6.2uH ±25%	37		
LP (1-4)	62Ts			6.0mH ±25%	500	35	
LP (1-4)	SHORT PIN 5,6,7,9,10			20uH MAX	LEAKAGE INDUCTANCE		

2-2. INSULATION RESISTANCE SHALL BE 100M ohms OR MORE WHEN DC 500V IS APPLIED TO THE FOLLOWING WINDING AND CORE.

MEASUREMENT POINTS.
1. BETWEEN ALL WINDING.
2. BETWEEN ALL WINDING AND CORE.

NOTE: MEASUREMENT SHALL BE TAKEN UNDER NORMAL TEMPERATURE AND HUMIDITY.

2-3. DIELECTRIC STRENGTH

NO ABNORMALITIES SHALL DEVELOP AFTER APPLICATION OF A VOLTAGE FOR ONE SECOND IN THE FOLLOWING MANNER.

HI-POT TEST 100%

TEST POINTS	APPLIED VOLTAGE
PRI TO SEC	AC 3.6KV 50/60Hz
PRI TO CORE	AC 1.8KV 50/60Hz
SCE TO CORE	AC 1.8KV 50/60Hz

NOTE: 1. THE CUT-OFF CURRENT OF THE WITHSTANDING VOLTAGE TESTED SHALL 0.5mA OR LESS.
2. MEASUREMENT SHALL BE TAKEN UNDER NORMAL TEMPERATURE AND HUMIDITY.

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3. NOTE FOR FIGURE-1

THE PIN NUMBERS IN FIGURE-1 CORRESPOND TO INDICATED NUMBERS ON THE BOBBIN.

4. NOTE FOR FIGURE-2

4-1 THE POLARITY IN FIGURE-2 INDICATED THE START PIN OF EACH WINDINGS.
 4-2 INDICATED NUMBERS IN FIGURE-2 CORRESPOND TO PIN NUMBER ON THE BOBBIN (WIRE SHALL BE WOUND AROUND PIN)
 INDICATED ALPHABETS MEAN LEAD WIRES. (NOT WOUND AROUND PIN)

5. CONSTRUCTION DETAIL OF INSULATION.

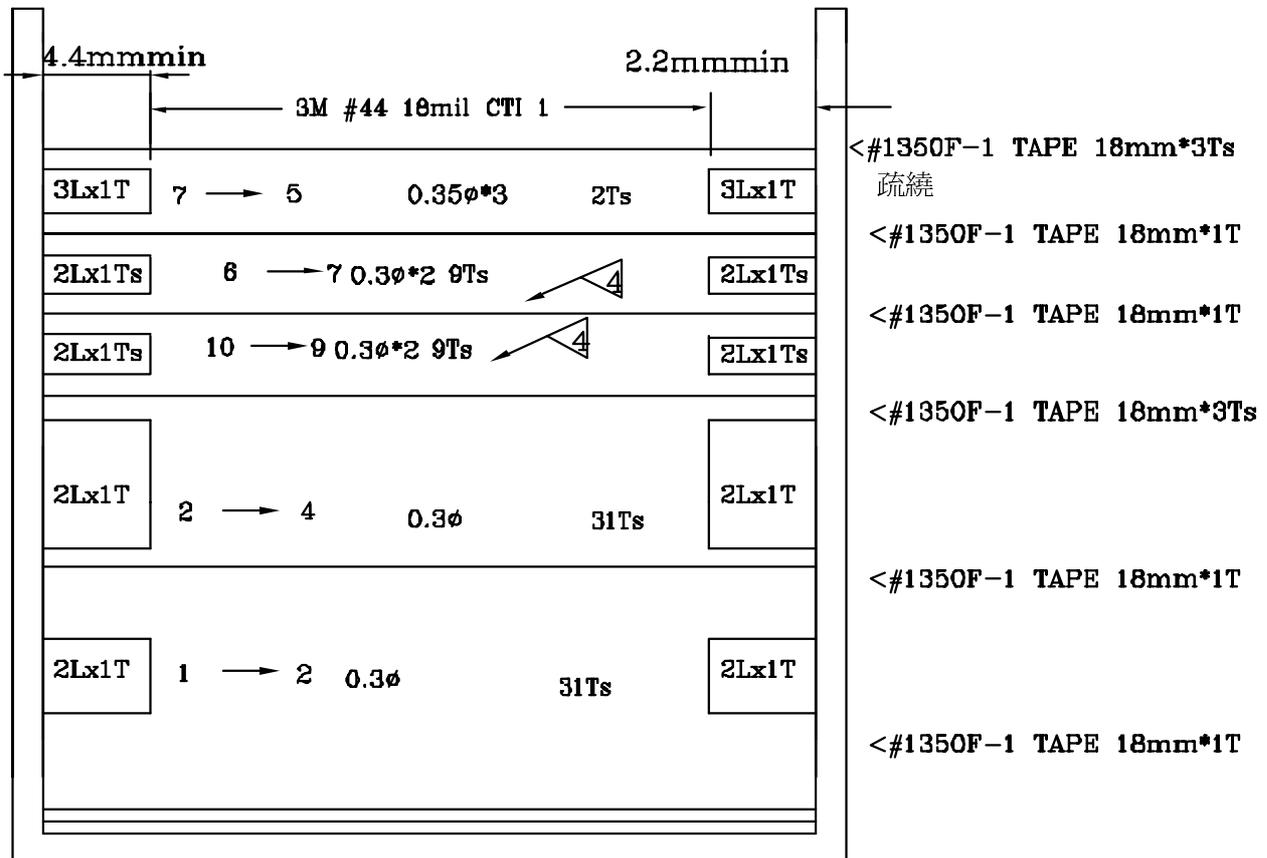


FIGURE-4
START → END

PIN

TOP

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6. ADHESIVE, IDENTIFICATION MAKING & DIMENSION

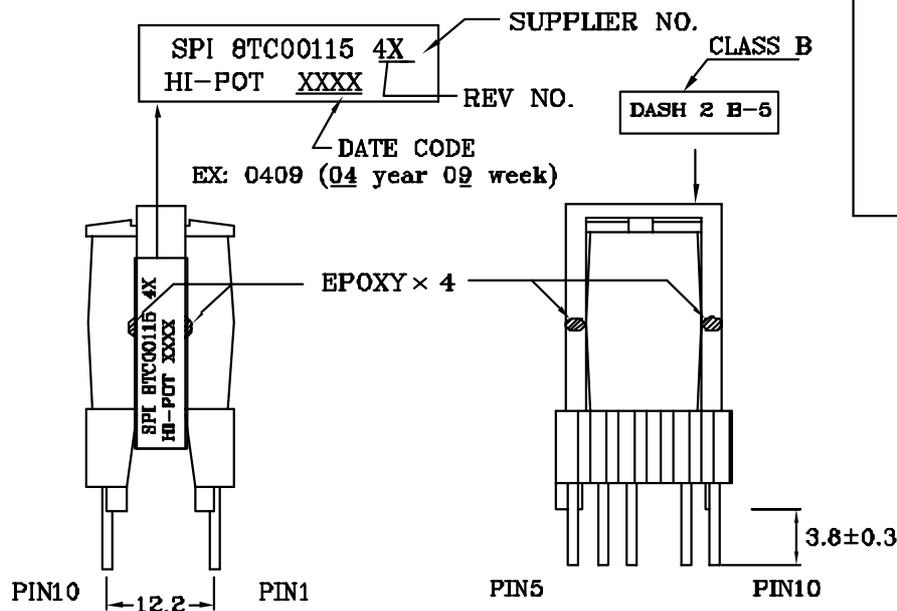


FIGURE-5

- NOTE: a. TRANSFORMER MUST BE IMPREGNATED.
 b. IT MUST BE BONDING WITH EPOXY AD-3 OF TRANSFORMER ASSEMBLY.
 c. MARKING (SEE FIGURE-5).

7. VARNISHING

VACUUM IMPREGNATION OF VARNISH SHALL BE PERFORMED AFTER ADHESION.

8. FERRIT CORE DIMENSIONS.

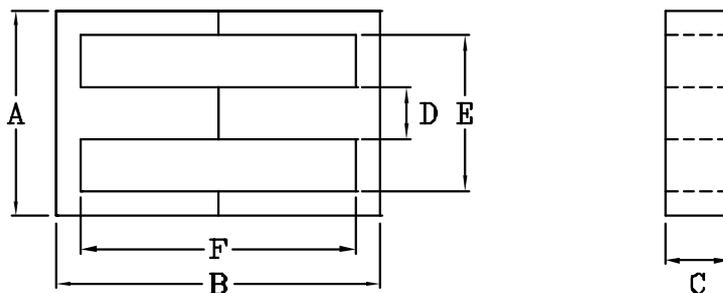


FIGURE-6

Dimensions and Magnetic Parameter

UNIT:mm

Cores	EEL-16						Bobbin Available
	A	B	C	D	E	F	
Dimensions(mm)	16.0±0.4	24.5±0.4	5.1 ^{+0.40}	4.2 ^{+0.40}	12.00±0.30	20.4±0.4	

METERIAL: SAMWHA SM50 1550
 ACME: A05 1590
 JINNING: JH7 1550

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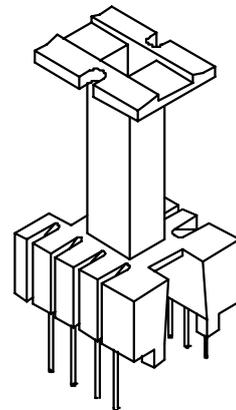
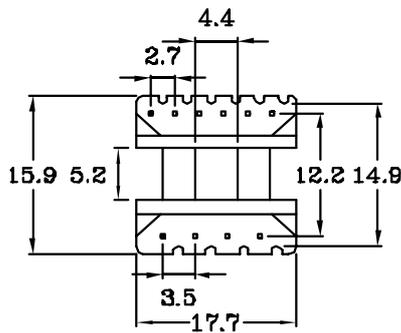
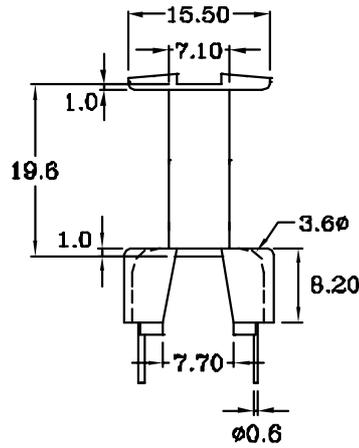
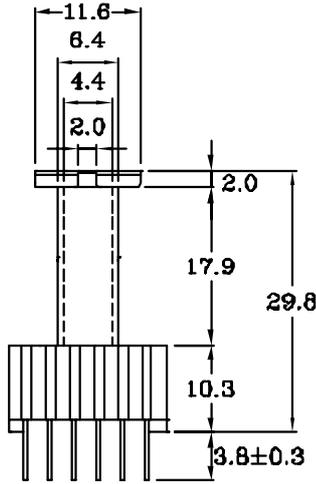


MODEL NO: FSP300-65P4

TITLE: SPECIFICATION FOR TRANSFORMER

SHEET: 4 OF 5

9. BOBBIN CONSTRUCTION: EEL-16V(10P)
MATERIAL: T375J



TOLERANCE	
X.X	±0.3
X.XX	±0.2
壁厚	±0.15
PIN經	±0.05

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UNIT:mm



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MODEL NO: FSP300-65P4	TITLE: SPECIFICATION FOR TRANSFORMER	SHEET: 5 OF 5
10. MATERIAL LIST :		

NO.	ITEM	MATERIAL	SUPPLIER	UL NO.
1.	BOBBIN	T375J	CHANG CHUN PLASTICS CO.,LTD	E59481
2.	CORE	SM50	SAMWHA ELECTRONICS CO., LTD.	
		A05	ACME ELECTRONICS CORPORATION CO., LTD.	
		JH7	JINNING MAGNETIC INDUSTRIAL CO.,LTD	
3.	WIRE	TYPU-130	TA YA ELECTRIC WIRE&CABLE CO., LTD.	E197768
		TYA1-130	TA YA ELECTRIC WIRE&CABLE CO., LTD.	E197768
		UEWS/U	PACIFIC ELECTRIC WIRE & CABLE CO LTD.	E196993
4.	TAPE	#1350F-1	3M TAIWAN LTD.	E17385
		#371F	BONDTEC PACIFIC CO.,LTD	E175868
5.	MARGIN TAPE	#44	3M TAIWAN LTD.	
		#201	BONDTEC PACIFIC CO.,LTD	E175868
6.	VARNISH	468-2(+)	RIPLEY RESIN ENGINEERING CO INC.	E81777
7.	EPOXY	G-9008	GUDAK CHEMISTRY TECH.(D.G)LTD	
		H907	DONGGUAN HUA CHUANG CHEMICALINDUSTRY CO.,LTD	

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