Drawing NO.: xxxxxxxxxx

Description: 20W Flyback transformer

Part No	Date	Drafted	Revision	Designer	Approved	Description of Change

Supplier Name	
Date	
Signature	

Supplier agrees to manufacture without deviations to this specification.

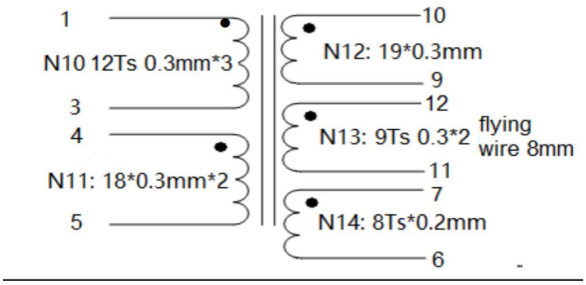
Electrical Specification:

Note: All electrical parameters to be tested 100% unless otherwise specified.

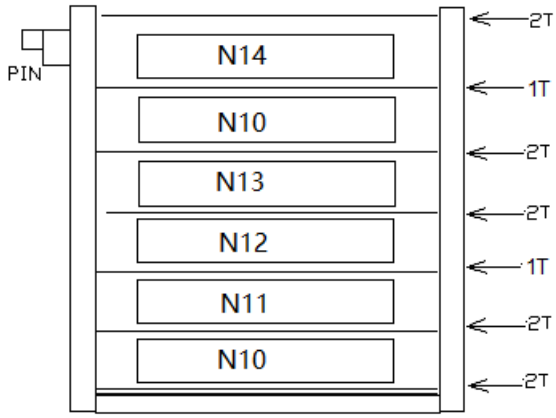
Loc.	Parameter	SPEC	Measuring Condition	Measuring Equipment
A	Induction(2-1)	**13u**H±14%	@100KHz/ 1V	HP4284A or Equiv
B	Leakage Induction(2-1)	**1uH** Max	@100KHz/ 1V Shorted other PIN.	
C	Q (2-1)	**40**Min	@100KHz/ 1V	
E			@25 deg C	GKT2511 or equiv
	D.C.R (4-5)			
	D.C.R:(2-1)			
F	HI-POT PRI.-SEC.	**3000**Vac	@1mA/60 sec.	CS2672C or equiv
	HI-POT SEC-CORE	**3000**Vac		

Note: All electrical parameters to be tested 100% unless otherwise specified.

Schematic:



Winding Stack UP:



Winding Sequence Instructions:

NO.	Terminal start/end	Wire	Turns	Insulation Tape
N10	3-2	ϕ 0.3mmX3P	6Ts	2Ts
N11	5-4	ϕ 0.3mmX2P	18Ts	1Ts
N12	9-10	TIW ϕ 0.3mm	19Ts	2Ts
N13	11-12	ϕ 0.3mmX2P	9Ts	1Ts
N10	2-1	ϕ 0.3mmX3P	6Ts	2Ts
N14	6-7	TIW ϕ 0.2mm	8Ts	2Ts

Dimensions (Unit: mm)	
A	
B	
C	
D	
E	
F	

10. MATERIAL LIST

LIST 1

ITEM	TYPE	MATERIAL	SPEC.		MANUFACTURE	UL NO.
			℃	UL94		
CORE	EE19	PC40	N/A		TDK	N/A
WIRE	TRW(F)0.3& 0.2	TRW(B)	155	N/A		
TAPE	0.05(t)× Random(w)	CTXXXX	130	N/A		
INSULATION FILM	——	——	——	——	——	——
ADHESIVE	G-107	EPOXY			Shenzhen Shilong	N/A
	1006A/B				Guangzhou Well Chemical	

LIST 2

ITEM	TYPE	PRODUCT MANUFACTURE	MATERIAL	SPEC.		MATERIAL MANUFACTURE	UL NO.
				℃	UL94		
BOBBIN	EE19 5+5		PM9630	150	V-0	SUMTOMO CHEMICALCO.,LTD	E41429
TUBE	Radom		TFT	200	VW-1	Great Holding Industrial	E156256
	24L		TFL	200	N/A	FLUO TECH INDUSTRIES CO LTDD	E175982

注:材料和成品是同一厂家填在LIST 1, 材料和成品是不同厂家填在LIST2.安规号以材料生产厂