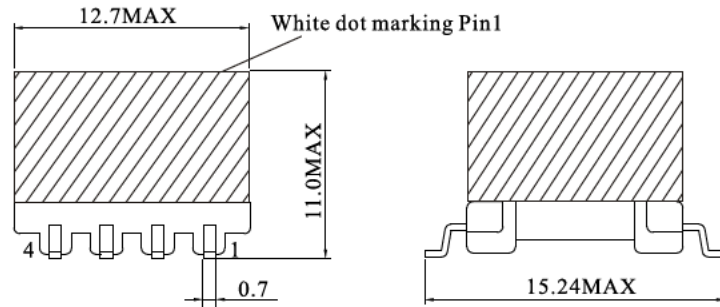
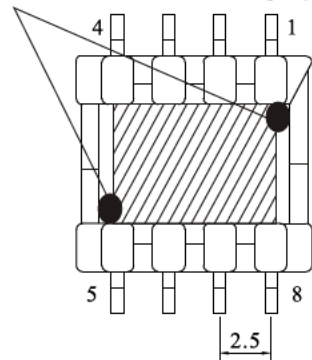


Rev.	Description	Date
A0	New release	2023.06.19

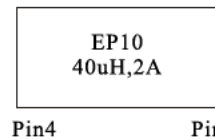
PHYSICAL CHARACTERISTICS(mm)



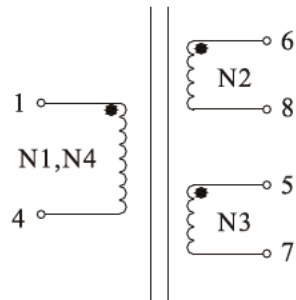
Bobbin and core are fixed with epoxy



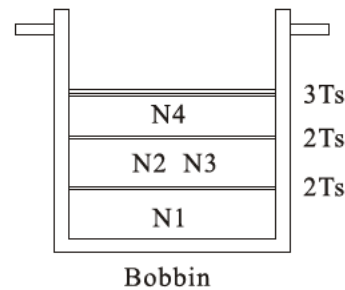
Top marking



SCHEMATIC:



WINDING CONSTRUCTION:



WINDING

WDG	TERMINAL	WIRE SIZE	TURNS	TAPE	REMARKS
N1	1-4	2UEW-F ϕ 0.23mm*1P	18Ts	2Ts	
N2	6-8	2UEW-F ϕ 0.32mm*1P	6Ts	2Ts	
N3	5-7	2UEW-F ϕ 0.32mm*1P	6Ts		
N4	1-4	2UEW-F ϕ 0.23mm*1P	18Ts	3Ts	

ELECTRONICAL SPECIFICATIONS

NO.	ITEM	MEASURED POINT	TECHNICAL DATA	TEST CONDITION & INSTRUMENT
1	Inductance	L (1-4)	40uH \pm 10%	10KHz 0.1V
2	LK	Lk (1-4)	1.0uH Max	100KHz 0.1V, Short other pins
3	DCR	1-4	80m Ω Max	CH502AC
		6-5	50m Ω Max	
		8-7	50m Ω Max	
4	HI-POT	Pin1 to Pin 5,6	1500Vac ,3mA,1S	CH9052/50Hz
		Coil to Core	1000Vac ,3mA,1S	

MATERIAL LIST:

NO.	ITEM	MATERIALS	RATING	FILE NO	SUPPLIERS
1	BOBBIN	PHENOLIC T375J	130 $^{\circ}$ C	E59481(S)	CHANGCHUN PLASTICS CO.,LTD
		UL RATING:94V-0			
2	CORE	P4 EP10	---	---	ACME
3	WIRE	2UEW-F	155 $^{\circ}$ C	E239508	SHANTOU SHENGANG ELECTRICAL INDUSTRIAL CO LTD
4	TAPE	PZ-280	130 $^{\circ}$ C	E165111	JINGJIANG YAHUA PRESSURE SENSITIVE GLUE CO., LTD.
5	VARNISH	T4260A	105 $^{\circ}$ C	E228349	WU JIANG TAIHU INSULATING MATERIAL CO LTD

NAME:	Flyback Transformers		
PART NUMBER:	EP10-40uH-2A	DATE:	2023-09-19
		REV: A0	PAGE
DRAWN BY	CHECKED BY	APPROVE BY	