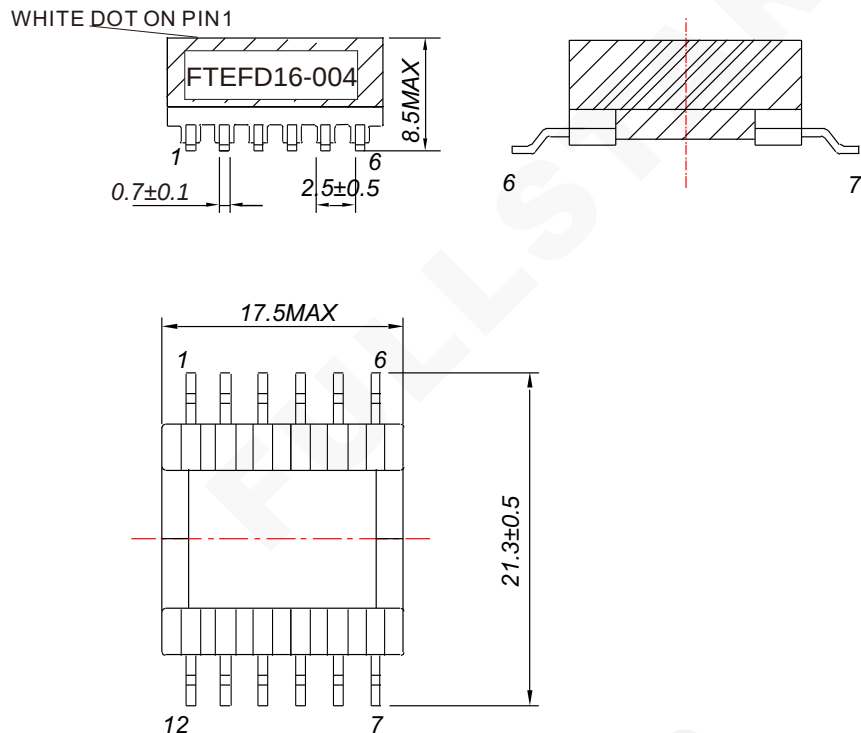
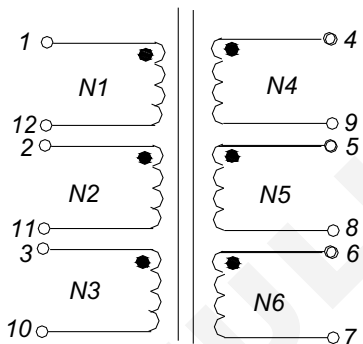


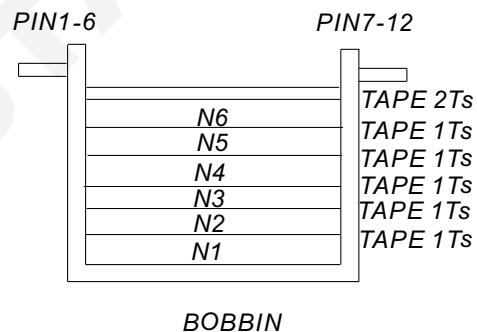
1.MECHANICAL DIMENSION:(UNIT:mm)



2.SCHEMATIC



3.WINDING CONSTRUCTION:



4.WINDING

WDG	TERMINAL	WIRE SIZE	TURNS	TAPE
N1	1-12	2UEW 0.22mm*2P	15TS	1TS
N2	2-11	2UEW 0.22mm*2P	15TS	1TS
N3	3-10	2UEW 0.22mm*2P	15TS	1TS
N4	4-9	2UEW 0.22mm*2P	15Ts	1TS
N5	5-8	2UEW 0.22mm*2P	15Ts	1TS
N6	6-7	2UEW 0.22mm*2P	15Ts	2TS

5. TECHNICAL PARAMETER

NO	ITEM	MEASURED POINT	TECHNICAL DATA	TEST CONDITION & INSTRUMENT
1	Inductance	L1-12/L6-7	14.2uH±20%	10KHz 0.1V
2	Lk	Lk1-12	0.13uH TYP	100KHz 0.1V
3	HI-POT	COIL-COIL	500V 50Hz, 3mA, 1SEC	Epe 7112
4	DCR	R1-12/R 6-7	140mΩ MAX	
5	Rated Current Base	I _R BASE	0.97A typ	T=40K
6	Saturation Current Base	I _S SAT BASE	0.63A typ	I _L / I _L < 10%

6.MATERIAL LIST

NO	ITEM	MATERIALS	RATING	FILE NO	SUPPLIERS
1	BOBBIN KD030-01-P1B	PHENOLIC T375J UL RATING:94V-0	130	E59481(S)	CHANGCHUN PLASTICS CO.,LTD
2	CORE EFD16	TP4 PC40	---	---	TDG TDK
3	WIRE	DD	155	E84081	PACIFIC ELECTRIC WIRE&CABLE CO.LTD
4	TAPE	PZ-280	130	E165111	JINGJIANG YAHUA PRESSURE SENSITIVE GLUE CO., LTD.
5	VARNISH	T4260A	130	E228349	WU JIANG TAIHU INSULATING MATERIAL CO LTD

RoHS compliant

NAME	Transformer			
CUSTOMER P/N	749196321		Date	2022-05-07
FULLSTAR P/N	FTEFD16-004		Rev. A1	Page 1/1
Drawn. by :MingYue Ma		Checked. by :Zhi Xin Pu	Approve. by :Jie Sun	