

CWS Coil Winding Specialist

Specification Sheet

Date: April 04

Part No. : TS201-Y01 **Rev. :**

Product : TOP SWITCH TRANSFORMER (EE19)

Comment :

Item	Printed Specification	Proposed Specification

Remark :

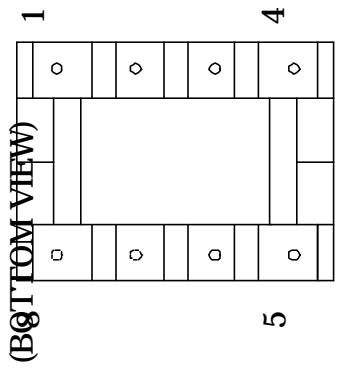
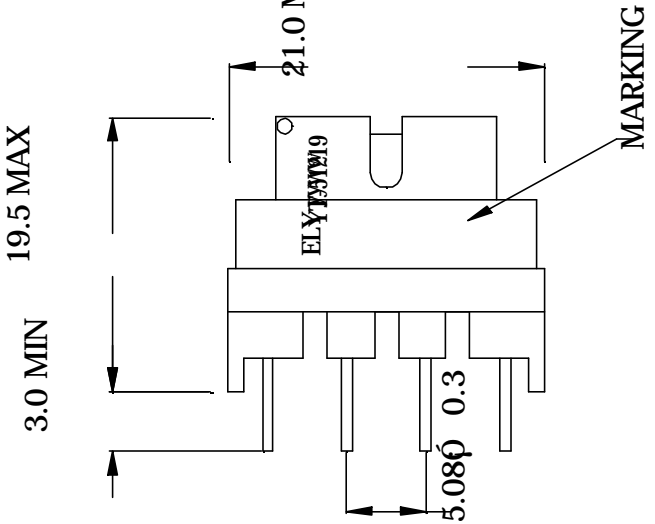
Engineer:

Verified:

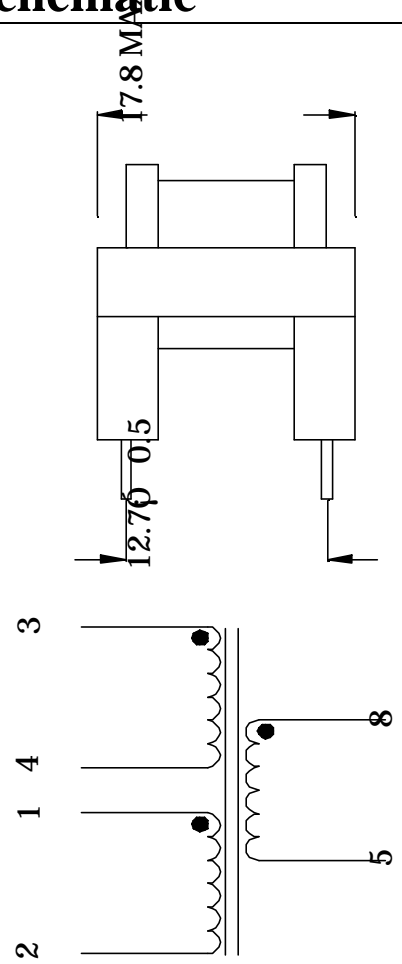
Approved by :

CWS Coil Winding Specialist

Mechanical Dimension & Schematic



UNIT : mm



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Electrical Specification												
Remark : Samples core: #1~#18 is P4;#19~#36 is JP4;#37~#50 is N2H.												
Testing Item	Specification	Pin No.	Samples Tested Data									
			1	2	3	4	5	6	7	8	9	10
INDUCTANCE @100KHz,0.1V WK-3245	1.178 mH $\pm 10\%$	3-4	1.202	1.204	1.198	1.176	1.184	1.190	1.180	1.190	1.180	1.194
Leakage inductance @100KHz,0.1V WK-3245	120.0 μ H MAX (PIN8,5SHORTED)	3-4	88.0	94.3	96.1	83.3	85.9	90.5	84.6	84.8	89.2	89.7
Resonant freq. HP4194	300KHz MIN	3-4	600	600	600	700	600	600	700	700	600	600
HI-POT GPT-615	3000VAC,5mA,1min	3 TO 5	ok	ok	ok	ok	ok	ok	ok	ok	ok	ok
DC RESISTANCE @502AC	0 MAX	3-4	1.72	1.73	1.72	1.72	1.71	1.72	1.71	1.71	1.72	1.72
	0 MAX	1-2	0.26	0.26	0.26	0.26	0.26	0.25	0.26	0.26	0.26	0.26
	m0 MAX	8-5	4.7	4.6	4.6	4.7	4.6	4.6	4.7	4.7	4.6	4.7
Turn Ratio @20KHz,1.0V INPUT3-4 CH-320	0.133V $\pm 10\%$	1-2	0.133	0.133	0.133	0.133	0.133	0.133	0.133	0.133	0.133	0.133
	0.028V $\pm 10\%$	8-5	0.028	0.028	0.28	0.029	0.029	0.028	0.029	0.029	0.029	0.029
Customer :			Part No. : TS201-Y01				Rev.:			Sample No. :		