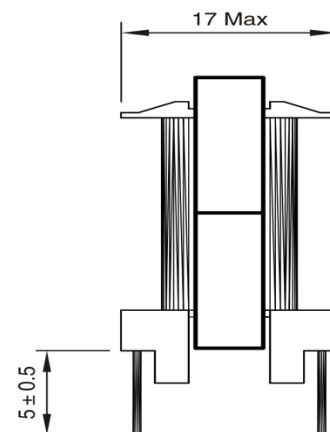
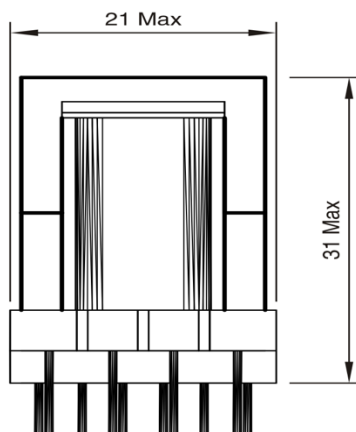
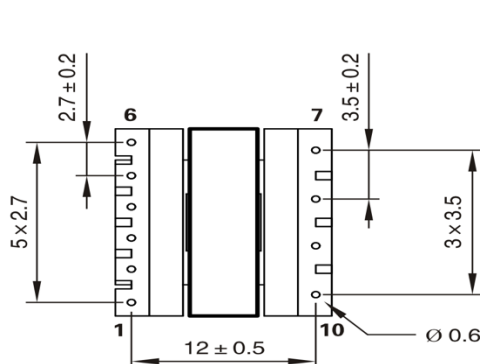


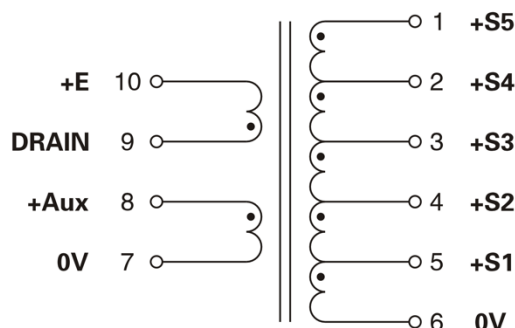
FLYBACK TRANSFORMER - EL19 - Five output



SHAPES AND DIMENSIONS



SCHEMATIC DRAWING



REFERENCE CONTROL IC DESIGN

Control IC Manufacturer	Control IC PN	Input Voltage	Power	Frequency
Power Integrations	TOP243P	185~265 Vrms	16W	132KHz
Power Integrations	TOP243P	85~265 Vrms	12W	132KHz

CHARACTERISTIC

FLYBACK TRANSFORMER: 3.3/5/12/18/30V : Five Output

Part Number	Output Power		Pins	Turns	Voltage	Current (Max)	Inductance (K tolerance)
EL19S-122K-LF	16W (Max)	Pri	9~10	120	110	0.85 Apeak	1.25 mH
		Aux	8~7	17	15	0.2 A	
		S1	5~6	4	3.3	2 A	
		S2	4~6	6	5	S1+S2	
		S3	3~6	14	12	0.8 A	
		S4	2~6	20	18	0.8 A	
		S5	1~6	33	30	0.2 A	

APPLICATIONS

DC-DC Converter, AC-DC Converter

Switch Power Supply

SMPS: Flyback, Forward and Push-Pull, Half Bridge & Full Bridge