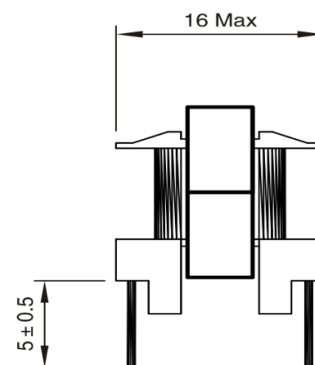
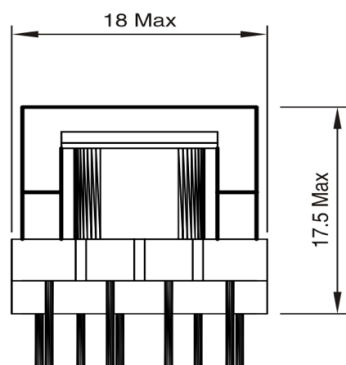
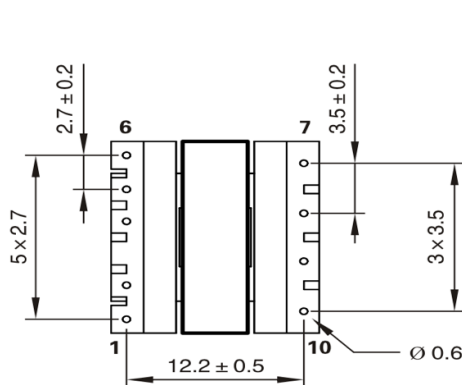


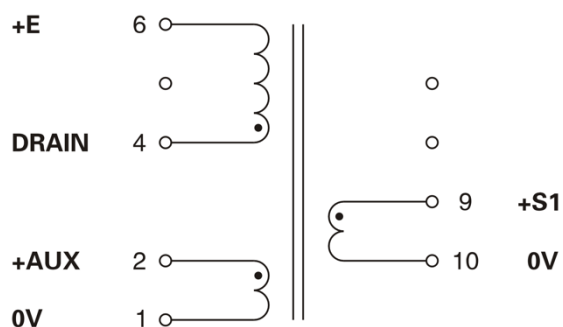
FLYBACK TRANSFORMER - EI16 - Single output



SHAPES AND DIMENSIONS



SCHEMATIC DRAWING



REFERENCE CONTROL IC DESIGN

Control IC Manufacturer	Control IC PN	Input Voltage	Power	Frequency
ST Microelectronics	VIPer20	85~265 Vrms	6W	70KHz
Inferion	TDA16831	85~265 Vrms	6W	100KHz
Motorola	MC33369	85~265 Vrms	6W	100KHz
Power Integrations	TOP242P	85~265 Vrms	6W	132KHz

CHARACTERISTIC

FLYBACK TRANSFORMER: 5 or 12V : Single Output

Part Number	Output Power		Pins	Turns	Voltage	Current (Max)	Inductance (K tolerance)
EI16S-302K-LF	6W (Max)	Pri	4~6	138	60~120	0.35 Apeak	3.0 mH
		Aux	2~1	16	8~16	0.1 A	
		S1	9~10	8	3~6	1.2 A	
EI16SA-302K-LF	6W (Max)	Pri	4~6	150	60~120	0.38 Apeak	3.0 mH
		Aux	2~1	22	8.5~17	0.1 A	
		S1	9~10	24	9~18	0.5 A	

APPLICATIONS

DC-DC Converter

Switch Power Supply

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