



# POE SYNCHRONOUS FLYBACK TRANSFORMER

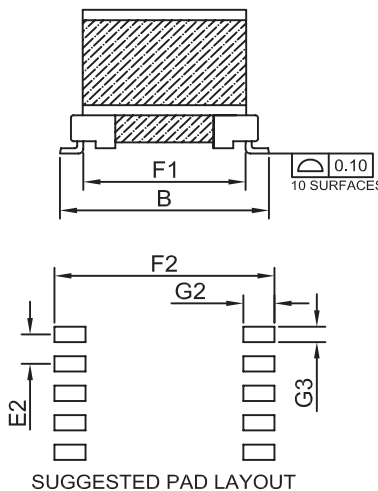
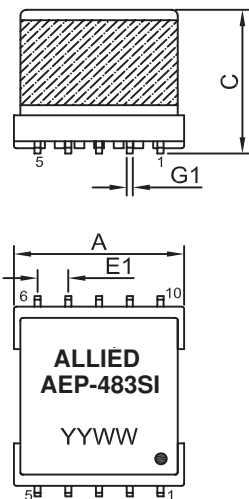
- IEC60950 Compatible
- Surface Mount Device Providing Compact Footprint
- Operating temperature: -40°C to +85°C
- Designed to work with LT42691



Electrical Specifications @25°C								
Part Number	Turns Ratio (20kHz,1V)	OCL (100KHz,1.0V)	Leakage Inductance (100KHz,1V)	DCR			Hi-Pot (5mA/1S)	
	(2-1):(5-3):(6-10)	5-3	5-3 (short other pins)	5-3	6-10	2-1	Pri to Sec	Pri,Sec to core
AEP-483SI	1:1.8:0.9±3%	37uH±10%	0.3uH max	85mΩ max	30mΩ max	90mΩ max	1500VAC	1500VAC

All specifications subject to change without notice.

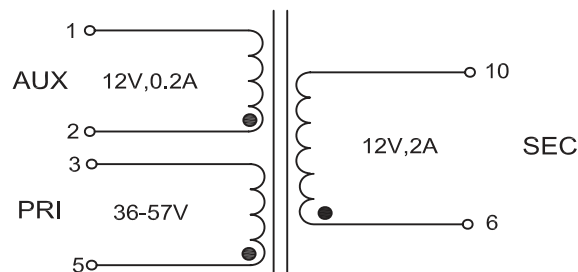
## MECHANICAL



DIM	MILLIMETERS (Units:mm)
A	14.2MAX
B	17.75MAX
C	12.7MAX
E1	2.5±0.3
F1	13.2TYP
G1	0.5±0.1
E2	2.5TYP
F2	17.91TYP
G2	2.54TYP
G3	1.3TYP

Unless otherwise specified all tolerances are:±0.25 in mm

## SCHEMATICS



● START POINT