



# EFD15 HIGH FREQUENCY PoE TRANSFORMERS UP TO 40 WATTS

- Designed for Power over Ethernet Applications
- EFD15 Core Design
- Forward and Flyback Topology
- Up to 40 Watt Power Rating
- 12 Pin SMD
- Operating Temperature -40°C to +85°C
- Custom Designs Available

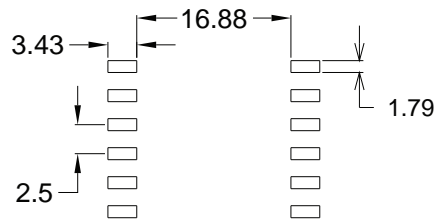
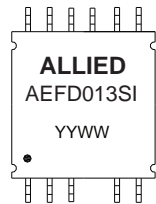
## Electrical Specifications @25°C

Part Number	OCL(uH MIN) @100KHz,0.1V, 1.2A BIAS	Turns Ratio (±3%) Np:Ns1:NS2:Nf	LL @100KHz 0.1V	DCR				HI-POT (Vrms)	Package/ Schematic
				3-5	11,12-10,9	2-1	8-7		
AEFD013SI	135u min.	1:0.2:0.315:0.44	2uH MAX	0.515Ω max	0.023Ω max	0.888Ω max	0.888 Ω max	1500	A/1

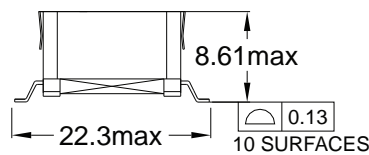
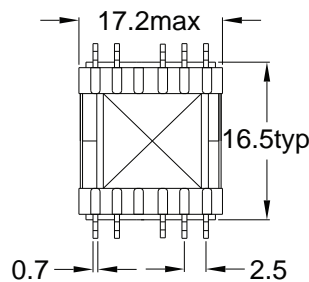
All specifications subject to change without notice.

## MECHANICAL

A



SUGGESTED PAD LAYOUT



## SCHEMATICS

1

