



# EFD15 HIGH FREQUENCY PoE TRANSFORMERS UP TO 40 WATTS

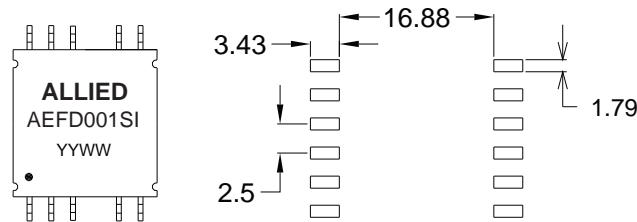
- Designed for Power over Ethernet Applications
- EFD15 Core Design
- Forward and Flyback Topology
- Up to 40 Watt Power Rating
- 12 Pin SMD
- Operating Temperature -40°C to +85°C
- Custom Designs Available

Electrical Specifications @25°C								
Part Number	OCL(μH MIN) @250KHz/0.3V /BIAS2.1A	Turns Ratio (±3%) Np:Ns:Nf	LL @250KHz 0.3V	DCR			HI-POT (Vrms)	Package/ Schematic
				1,2-11,12	8,7-5,6	3-10		
AEFD001SI	36μH Min.	1:0.18:0.357	19μH MAX	0.13Ω max	0.009 Ω max	0.165 Ω max	1500	A/1

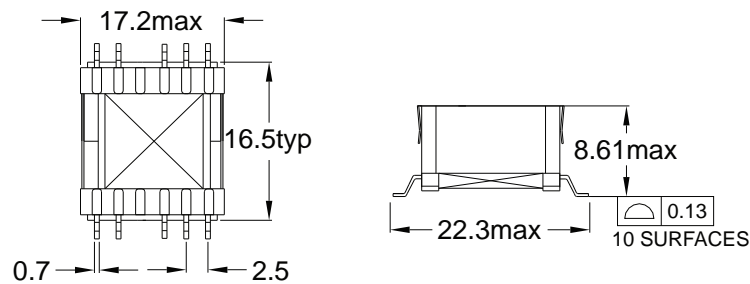
All specifications subject to change without notice.

## MECHANICAL

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SUGGESTED PAD LAYOUT



## SCHEMATICS

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