



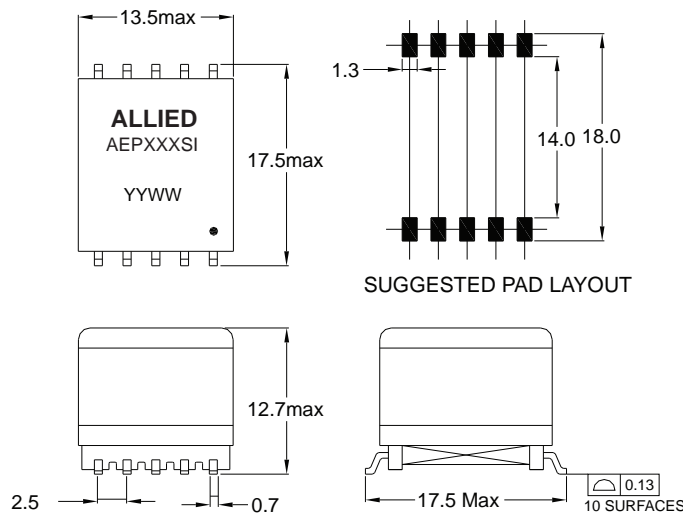
EP13 HIGH FREQUENCY PoE TRANSFORMERS

- Designed for Power over Ethernet Applications
- EP13 Core Design
- 11~27 Watt Power Rating Available
- 10 Pin SMD
- Operating Temperature -40°C to +85°C
- Custom Designs Available

Part Number	Application	Turns Ratio			Primary Secondary Isolation	Primary Inductance (μ H 10%)	Leakage Inductance (μ H MAX)	DCR (m Ω MAX)			
		Pri.	Sec.	Pri. Aux.				Pri.	Pri. Aux.	Sec. A	Sec. B
AEP371SI	Vin=33-57v, Freq.=200kHz Vout=3.3v/13.5W, 8v/20mA	1	0.083	0.208	1500Vrms Operational	127	7.5	440	88	6	N/A
AEP374SI	Vin=33-57v, Freq.=200kHz Vout=3.3v/11W, 12v/20mA	1	0.167	0.639		155.5	5.0	330	650	11	N/A
AEP388SI	Vin=33-57v, Freq.=200kHz Vout=3.3v/13.5W, 12v/20mA	1	0.182	0.682		77.4	5.0	100	270	8.5	N/A
AEP390SI	Vin=33-57v, Freq.=200kHz Vout=5.0v/13.5W, 8v/20mA	1	0.125	0.208		127	7.5	460	94	12	N/A
AEP401SI	Vin=33-57v, Freq.=200kHz Vout=5.0v/13.5W, 12v/20mA	1	0.273	0.682		77.4	0.8	220	250	18	N/A
AEP404SI	Vin=33-57v, Freq.=200kHz Vout=12v/13.5W, 8v/20mA	1	0.292	0.208		127	7.5	460	94	55	N/A
AEP408SI	Vin=33-57v, Freq.=200kHz Vout=12v/13.5W, 12v/20mA	1	0.682	0.682		77.4	5.0	100	270	75	N/A
AEP411SI	Vin=33-57v, Freq.=200kHz Vout=15v/27W, 12v/20mA	1	0.470	0.294		28.9	1.0	58	55	27	N/A

All specifications subject to change without notice.

MECHANICAL

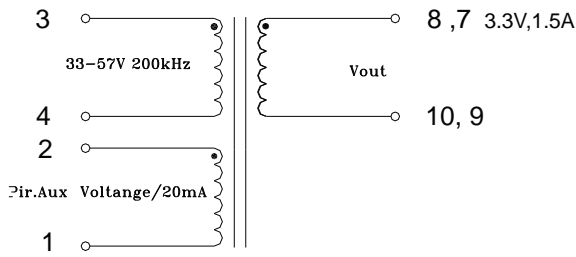




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SCHEMATICS

AEP371SI, AEP390SI, AEP404SI,
AEP401SI, AEP388SI, AEP408SI,
AEP411SI



AEP374SI

