



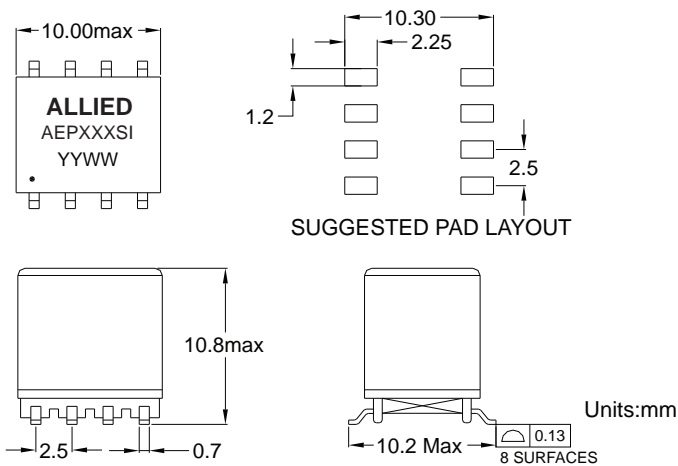
# EP7 HIGH FREQUENCY PoE TRANSFORMERS

- Designed for Power over Ethernet Applications
- EP7 Core Design
- 3 Watt Power Rating
- 8 Pin SMD
- Operating Temperature -40°C to +85°C
- Custom Designs Available

Part Number	Application	Turns Ratio			Primary Secondary Isolation	Primary Inductance ( $\mu$ H 10% )	Leakage Inductance ( $\mu$ H MAX )	DCR ( m $\Omega$ MAX )			
		Pri.	Sec.	Pri. Aux.				Pri.	Pri. Aux.	Sec. A	Sec. B
AEP172SI	Vin=33-57v, Freq.=200kHz Vout=3.3v/3W, 8v/20mA	1	0.083	0.208	1500Vrms Operational	500	7.5	1750	215	15	N/A
AEP173SI	Vin=33-57v, Freq.=200kHz Vout=3.3v/3W, 12v/20mA	1	0.128	0.682		310	5.0	1600	2600	45	N/A
AEP177SI	Vin=33-57v, Freq.=200kHz Vout=5.0v/3W, 8v/20mA	1	0.125	0.208		500	7.5	1750	215	35	N/A
AEP191SI	Vin=33-57v, Freq.=200kHz Vout=5.0v/3W, 12v/20mA	1	0.273	0.682		310	5.0	1600	2650	87	N/A
AEP192SI	Vin=33-57v, Freq.=200kHz Vout=12v/3W, 8v/20mA	1	0.286	0.204		521	7.5	1750	220	100	N/A
AEP198SI	Vin=33-57v, Freq.=200kHz Vout=12v/3W, 12v/20mA	1	0.682	0.682		310	5.0	1600	2600	550	N/A

All specifications subject to change without notice.

## MECHANICAL



## SCHEMATICS

