



EP10 POWER TRANSFORMER

AEP-199SI

- EP10 Transformer Design
- SMT
- Operating Temperature: -40°C to 85°C
- Pulse PA1370NL

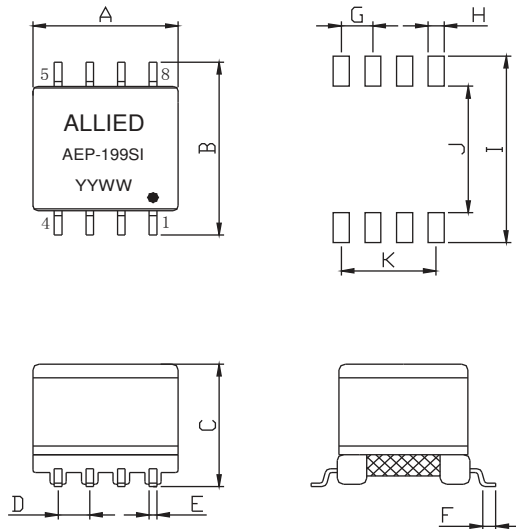


Electrical Specifications @25°C

Part Number	Turns Ratio @10KHz,0.1V	Inductance @10KHz,0.1V	DCR @25° C			HI-POT (1mA/2S)	
	(3-4:5-8:2-1) Ungapped Core	3-4	3-4	2-1	5-8	Pri to Sec	Pri Sec to Core
AEP-199SI	1:0.44:0.39±2%	20.4µH±8%	0.08Ω max	0.105Ω max	0.03Ω max	1500VDC	500VDC

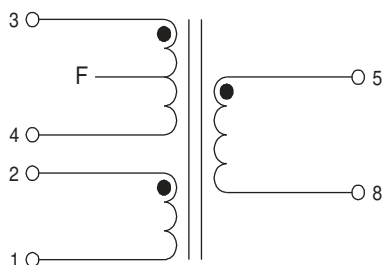
All specifications subject to change without notice.

Mechanicals



DIM	MILLIMETERS	INCHES
A	13.10 Max	0.516 Max
B	15.24 Max	0.600 Max
C	11.45 Max	0.451 Max
D	2.50 Typ	0.098 Typ
E	0.70 Typ	0.028 Typ
F	1.05 Typ	0.041 Typ
G	2.50 Typ	0.098 Typ
H	1.27 Typ	0.050 Typ
I	15.75 Typ	0.620 Typ
J	10.67 Typ	0.420 Typ
K	7.50 Typ	0.295 Typ

Schematics



Recommended Solder Profile

