

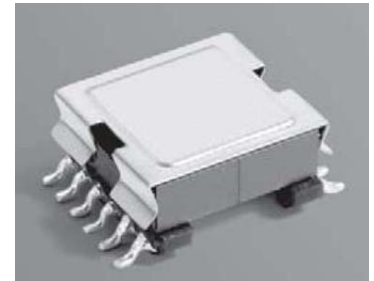


## 13W POWER TRANSFORMER

P/N: HB2B2A1SB

### Feature

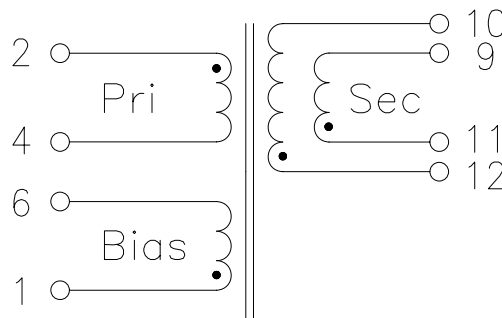
- Can be used in isolated and nonisolated designs.
- Operates with 36~72 Volts input; can be used for PoE.
- 1500 Vrms isolation between the primary and the secondary.
- Custom designs available.
- RoHS compliant.



Electrical Specifications @ 25°C												
Part Number	Input Voltage (V)	Output Voltage (V)	Output Current (A)	Inductance @250kHz, 0.3 Vrms, (μH ±10%)	Inductance @primary current drawn (μH Min)	DCR (Ω Max)			Leakage inductance (μH max)	Turns ratio		Primary current drawn (A Min)
						Pri	Sec	Bias		Pri : Sec	Pri : Bias	
HB2B2A1SB	36~72	5	2	94.0	84.6	0.210	0.010	0.453	3.9	1 : 0.12	1 : 0.47	1.2

\* Operating temperature range: -40°C to +85°C. Storage temperature range: -40°C to +125°C.

### Schematic



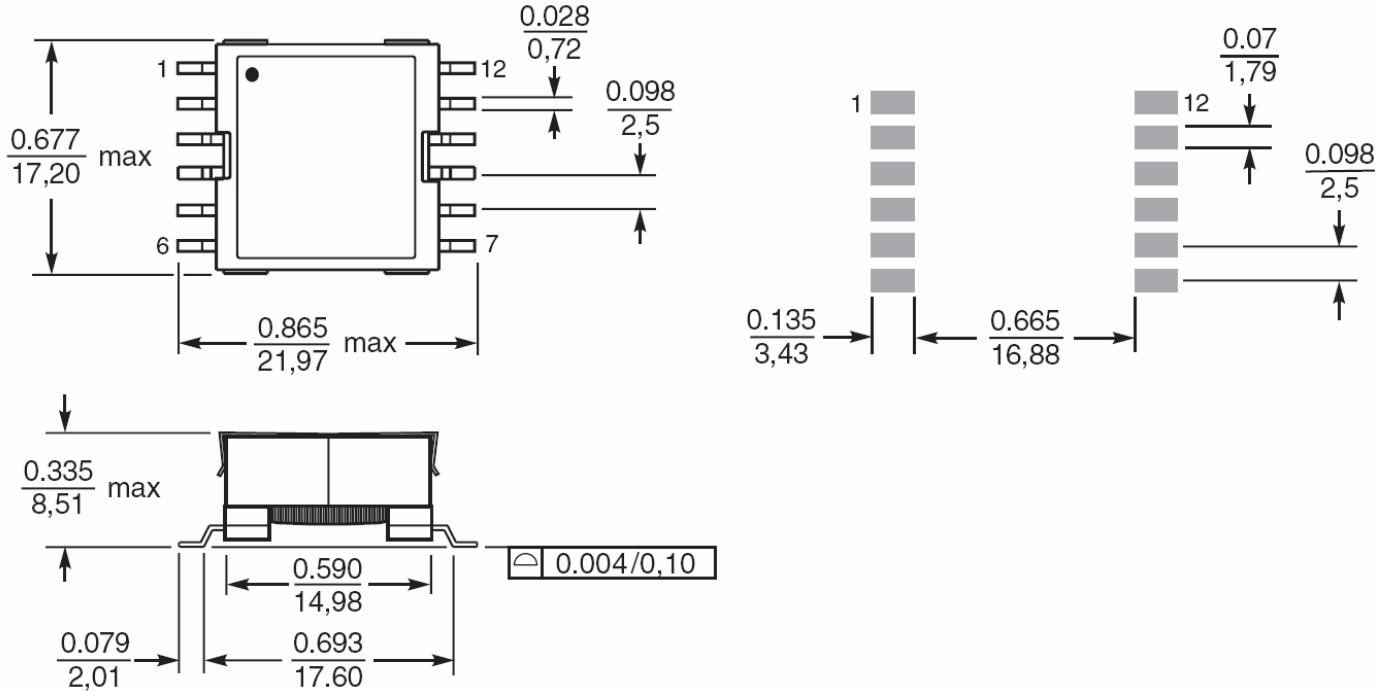
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### Mechanical



Units: Inches[mm].

Tolerance:  $\pm 0.010(0.25)$  unless specified otherwise.

### NOTE:

Datasheet Change History:

V0	2007/Oct.	Datasheet Set Up

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