

Part Number: AE-S12201HT

## SMD TRANSFORMER

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- RoHS compliant.
- Operating temperature range:-40°C to +125°C.
- Storage temperature range:-50°C to +125°C.

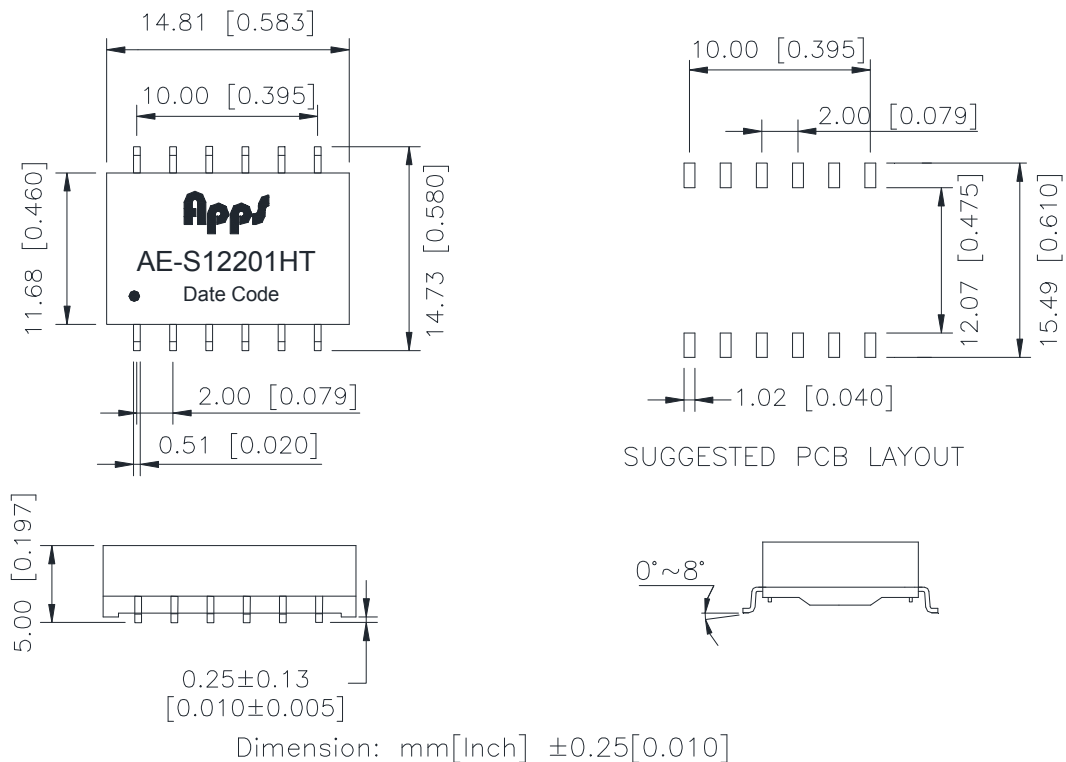
### Electrical Specifications @ 25°C

| Part Number | Turns Ratio<br>(±5%) | OCL(μH Min)<br>@100KHz/0.1V<br>-40°C ~ +125°C. | Insertion Loss<br>(dB Max) | DCR<br>(Ω Max) |           |
|-------------|----------------------|------------------------------------------------|----------------------------|----------------|-----------|
|             |                      |                                                | 4MHz                       | 1-3&4-6        | 12-10&9-7 |
| AE-S12201HT | 1CT:1CT              | 150~450                                        | -0.25                      | 0.45           | 0.85      |

### Continue

| Part Number | Return Loss<br>(dB Min) | Cross Talk<br>(dB Min) | CMRR<br>(dB Min) |            | HI-POT<br>(VDC) |
|-------------|-------------------------|------------------------|------------------|------------|-----------------|
|             | 4MHz                    | 4MHz                   | 1-10MHz          | 10-1000MHz |                 |
| AE-S12201HT | -20                     | -50                    | -35              | -20        | 4300V/1mA/60S   |

### Mechanicals:

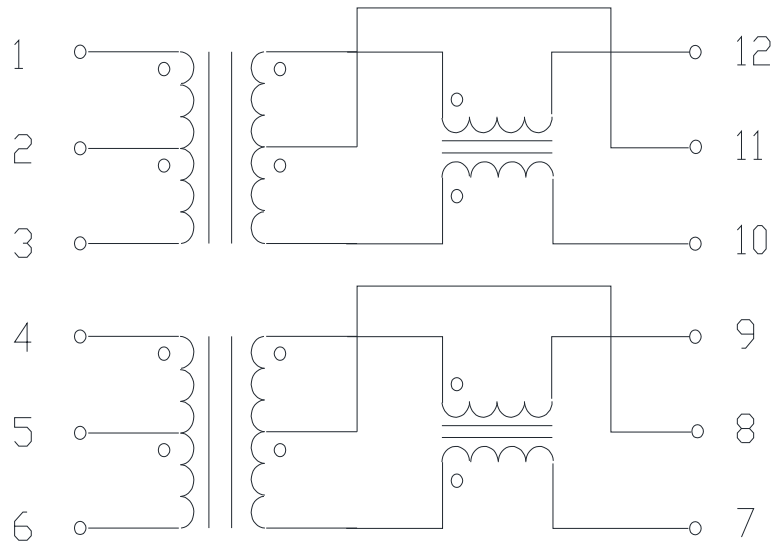


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**Schematics:**



**Package:**

