



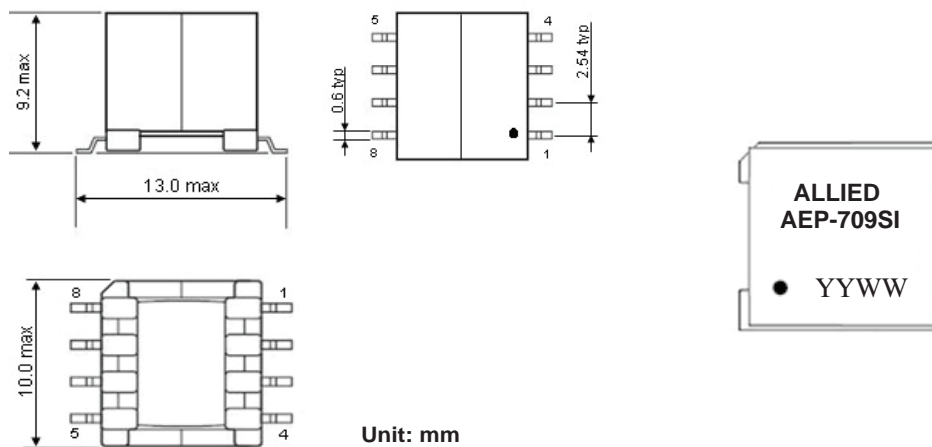
- EP7 Package in SMD
- Operating temperature range: -40°C to +85°C
- Storage temperature range: -40°C to +85°C
- Reflow Condition:  
Maximum reflow temperature is 250°C/-5°C  
time is 20-40 sec.

| Electrical Specifications @25°C                   |   |  |   |   |   |
|---|---|--|---|---|---|
| Inductance<br>Lp<br>@10KHz, 0.1V, 0Aac<br>(8 - 1) | Inductance<br>Lp<br>@10KHz, 0.1V, 1.5Aac<br>(8 - 1) | Leakage Inductance<br>Ls @100KHz, 0.1V<br>(short 3~6, 8+7, 1+2)<br>(8 - 1) | Turn Ratio<br>@100KHz, 0.1V<br>(With no Gap)<br>(8 - 1) : (7 - 2) | Turn Ratio<br>@100KHz, 0.1V<br>(With no Gap)<br>(8 - 1) : (6 - 3) | Turn Ratio<br>@100KHz, 0.1V<br>(With no Gap)<br>(8 - 1) : (5 - 4) |
| 2uH (±10%)  | 1.7uH min.  | 82nH max   | 1 : 1 (±3%)   | 1 : 1.8 (±3%)   | 1 : 1.8 (±3%)   |

| Electrical Specifications @25°C |                |                |                |   |
|---------------------------------|----------------|----------------|----------------|---|
| DCR<br>(8 - 1)                  | DCR<br>(7 - 2) | DCR<br>(6 - 3) | DCR<br>(5 - 4) | Isolation Voltage<br>@60Hz, 1mA, 2s<br>(1,2) to (5,6) |
| 24mΩ ±30%                       | 30mΩ ±30%      | 145mΩ ±15%     | 145mΩ ±15%     | 1000 Vac  |

All specifications subject to change without notice.

**MECHANICAL**



**SCHEMATICS**

