



## HDSL TRANSFORMER

AEP378SI

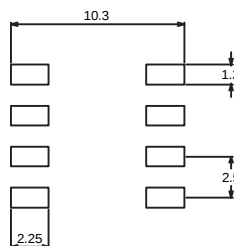
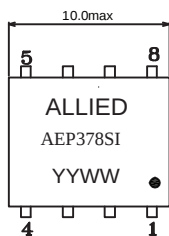
- IEC60950 Compatible
- Surface Mount Device Providing Compact Footprint
- Linear Tech LT3573 / Wurth/Midcom 750370047
- Operating Temp: -40°C to +85°C

### Electrical Specifications @25°C

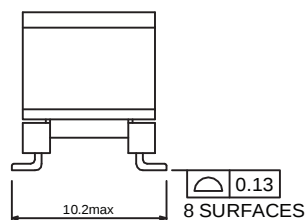
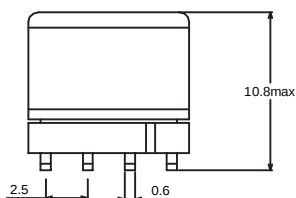
| Part Number | Turns Ratio<br>@20KHz,1V  | OCL<br>@100KHz,0.1V | LK<br>100KHz/0.1V | DCR<br>@25°C |            |           | Hi-pot<br>@AC/1S |            |
|-------------|---------------------------|---------------------|-------------------|--------------|------------|-----------|------------------|------------|
|             | 3-4:2-1:5-7(short5+6,7+8) | 3-4                 | 3-4(short others) | 3-4          | 2-1        | 5,6-7,8   | 1-2 TO 3-4       | 1-4 TO 5-8 |
| AEP378SI    | 3:1:1±3%                  | 30uH±10%            | 1.0uH max         | 59mΩ ±15%    | 236mΩ ±15% | 12mΩ ±15% | 500V             | 1875V      |

All specifications subject to change without notice.

## MECHANICAL



SUGGESTED PAD LAYOUT



Units: mm  
Unless otherwise specified all tolerances are:±0.25 in mm

## SCHEMATICS

