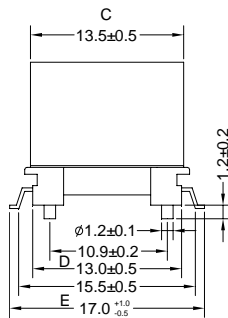
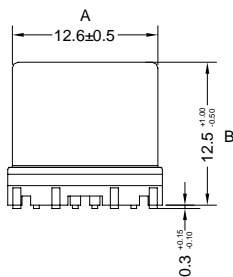
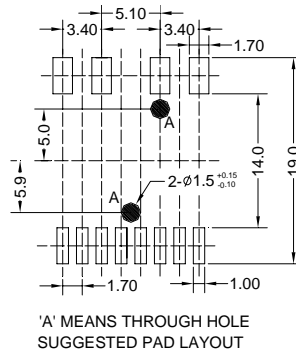
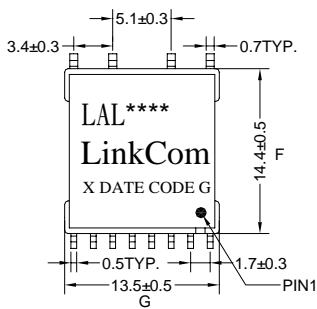


**Broadband Access Transformer**

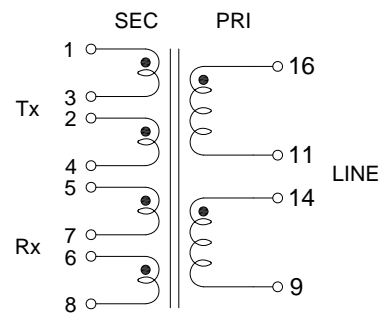
- Designed to meet UL 60950 and EN 60950 requirements for supplementary insulation
- RoHS Compliant
- Operating Temperature -40°C to 85°C

| Electrical Specifications @25°C |   |
|---------------------------------|---|
| OCL:                            | PIN 16-9= 400uH ±10% @ 10KHz/0.1V/Ser. (PIN 14-11 Short)          |
| Leakage Inductance:             | PIN 9-16= 3.5uH ±1 @ 100KHz/0.1V (PIN 1-2-3-4,11-14 Short)        |
|                                 | PIN 9-16= 10uH ±2 @ 100KHz/0.1V (PIN 11-14,5-6-7-8 Short)         |
| Interwinding Capacitance        | PIN 1-8= 22pF±5 @ 100KHz/0.1V (PIN 2-3,6-7 Short)                 |
|                                 | PIN 1-16= 37.5pF±9 @ 100KHz/0.1V (PIN 2-3,11-14 Short)            |
|                                 | PIN 5-16= 14.5pF±3 @ 100KHz/0.1V (PIN 6-7,11-14 Short)            |
| T.H.D                           | PIN 1-4 to PIN 16-9 = -83dB Max. @ 30KHz/2V (PIN 11-14,2-3 Short) |
|                                 | PIN 5-8 to PIN 16-9 = -83dB Max. @ 30KHz/2V (PIN 11-14,6-7 Short) |
| D.C.Resistance                  | PIN 1-4 = 1.1 ohm ±10% (PIN 2-3 Short)                            |
|                                 | PIN 5-8 = 570 mohm ±10% (PIN 6-7 Short)                           |
|                                 | PIN 9-16 = 1.1 ohm ±10% (PIN 11-14 Short)                         |
| Hi-POT :                        | PRI - SEC =1875VAC/60Hz/2Seconds/1mA                              |
| Turn Ratio:                     | PIN16-9 : PIN 1-4 = 1±2% :1 (PIN 11-14,2-3 Short)                 |
|                                 | PIN16-9 : PIN 5-8 = 4.28±2% :1 (PIN 11-14,6-7 Short)              |

**Dimensions** (Units: mm)



**Schematic**



**Mark**

- 1.LAL \*\*\*\*----LAL0683
2. X----PRODUCT LINE
3. DATE CODE----YYWW
4. G----RoHS