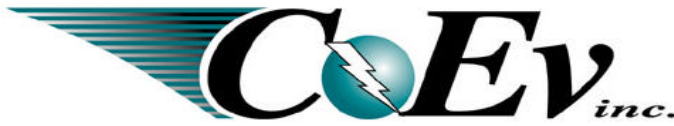
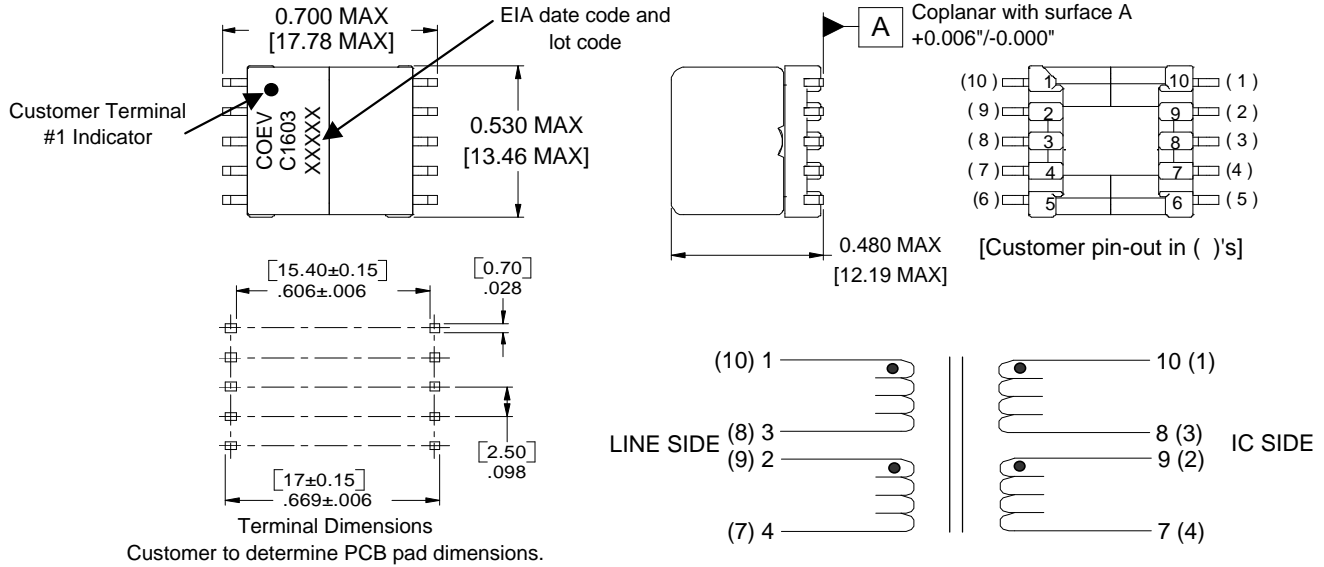


# C1603



**Product Description**

**Acatel ADSL XFMR, UL1459**  
**Alcatel Release 3.0 and 4.0, Customer Premise**



Primary units are in inches. Millimeters are in brackets.

### Electrical Specifications at +20°C unless noted otherwise

| Test Description   | Limit | Units | Tol   | Notes   |
|--------------------|-------|-------|-------|---|
| Inductance         | 0.440 | mH    | 5.0%  | 1-4 tie( 3+2 ), 10kHz, 100mVAC, 0DC, Ls.                            |
| Leakage Inductance | 10.00 | µH    | Max.  | 1-4 tie( 3+2, 8+9, 10+7 ), 100kHz, 100mVAC, Ls.                     |
| DC Resistance      | 0.59  | Ω     | Max.  | 1-3   |
| DC Resistance      | 0.59  | Ω     | Max.  | 2-4   |
| DC Resistance      | 0.67  | Ω     | Max.  | 10-8  |
| DC Resistance      | 0.67  | Ω     | Max.  | 9-7   |
| Turns Ratio        | 1.00  | ---   | 1.0%  | ( 1-4 ) : ( 10-7 ) tie( 2+3, 8+9 ), 10KHz, 100mVAC.                 |
| Dielectric         | 1500  | VAC   | 500µA | 1-10 tie( 3+2, 8+9 ), 1 second test, 500µA maximum leakage current. |

Agency Approvals **UL1459 Second Edition 1992, File #E189690**  
**CSA 22.2 No. 225-M90 via UL, File #E189690**

Designed to reflect 100 ohms on the Line with 100 ohms on the IC side.

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