

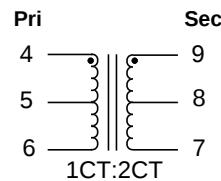
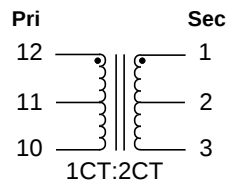
- Optimized for Lucent Technology T7290 •
- Crystal CS61534 Series, Level One LXT317, LXT318, LXT319
- Operating Temperature -40°C to 85°C •
- 1500 Vrms Isolation •

### Electrical Parameters @ 25° C

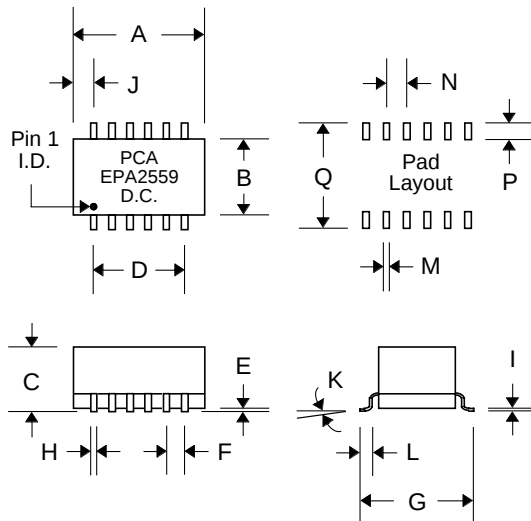
| Primary Inductance<br>( mH Min) | Interwinding Capacitance<br>(pF Max.)         | Leakage Inductance<br>(μH Max.)                          | DCR<br>(Ω Max.) |               |
|---------------------------------|-----------------------------------------------|----------------------------------------------------------|-----------------|---------------|
| @ 100 KHz,<br>20 m Vrms         | @ 100 KHz,<br>20 m Vrms                       | @ 100 KHz,<br>20 m Vrms                                  | Primary         | Secondary     |
| 1.20                            | 50                                            | 0.80                                                     | 1.00            | 1.70          |
| Pins 12-10 or 4-6               | Pins 1,2,3 to 10,11,12<br>Pins 7,8,9 to 4,5,6 | Pins 10-12 with 1,3 shorted<br>Pins 4-6 with 7-9 shorted | Pins 10-12, 4-6 | Pins 1-3, 7-9 |

- Crosstalk : -50 dB Typ. @ 100 KHz to 10 MHz •

### Schematic



### Package



### Dimensions

| Dim. | (Inches) |      |      | (Millimeters) |       |       |
|------|----------|------|------|---------------|-------|-------|
|      | Min.     | Max. | Nom. | Min.          | Max.  | Nom.  |
| A    | .655     | .675 | .665 | 16.76         | 17.27 | 17.02 |
| B    | .390     | .400 | .410 | 10.92         | 11.43 | 11.18 |
| C    | .320     | .340 | .330 | 8.13          | 8.64  | 8.39  |
| D    | ---      | ---  | .500 | ---           | ---   | 12.70 |
| E    | .010     | .020 | .015 | .254          | .381  | ---   |
| F    | ---      | ---  | .100 | ---           | ---   | 2.54  |
| G    | .580     | .600 | .590 | 13.72         | 14.22 | 13.97 |
| H    | .018     | .022 | .020 | ---           | ---   | .508  |
| I    | .008     | .012 | .010 | ---           | ---   | .254  |
| J    | ---      | ---  | .085 | ---           | ---   | 2.16  |
| K    | 0°       | 8°   | ---  | 0°            | 8°    | ---   |
| L    | .040     | .050 | .045 | .635          | 1.14  | .889  |
| M    | ---      | ---  | .030 | ---           | ---   | .762  |
| N    | ---      | ---  | .100 | ---           | ---   | 2.54  |
| P    | ---      | ---  | .120 | ---           | ---   | 2.16  |
| Q    | ---      | ---  | .630 | ---           | ---   | 15.50 |