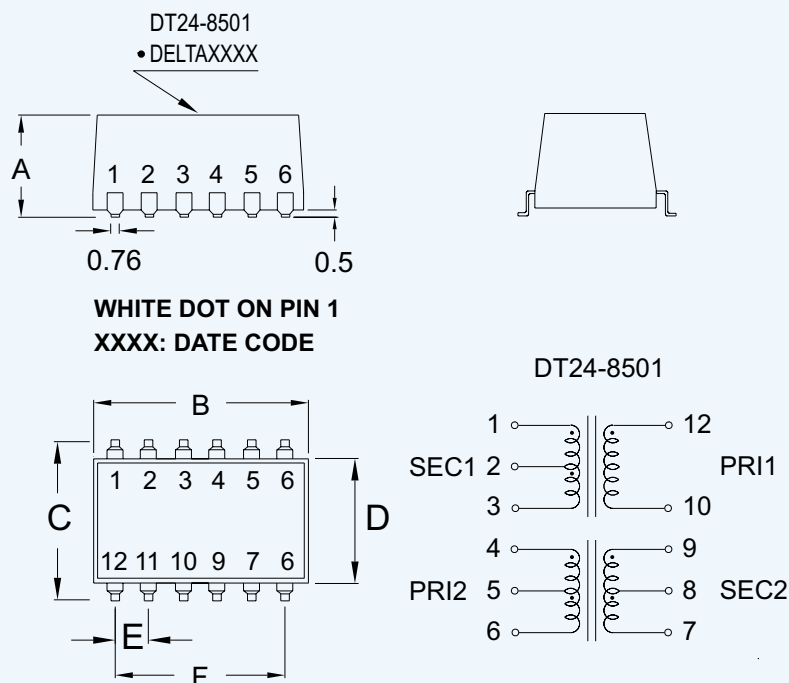




# Telecommunication ISDN T1 Transformer Transformers

## DT24-8501



DIMENSIONS IN mm

| A         | B          | C          | D          | E        | F        | G | H |
|-----------|------------|------------|------------|----------|----------|---|---|
| 8.64 MAX. | 17.15 MAX. | 15.24 MAX. | 11.58 MAX. | 2.54±0.1 | 12.7±0.3 |   |   |

### ELECTRICAL CHARACTERISTICS

|                                                |                                                                                      |
|------------------------------------------------|--------------------------------------------------------------------------------------|
| TURNS RATIO (PRI 1 : SEC 1)<br>(PRI 2 : SEC 2) | 1 : 1.15 ± 2% @100KHz, 0.2V<br>1 : 2 ± 2% @100KHz, 0.2V                              |
| INDUCTANCE                                     | PRI: 1.6 mH Min. @100KHz, 0.2V                                                       |
| LEAKAGE INDUCTANCE                             | PRI: 0.8 uH Max. @100KHz, 0.2V                                                       |
| D.C. RESISTANCE                                | PRI: 1ΩMax.<br>SEC1: 1ΩMax.<br>SEC2: 2ΩMax.                                          |
| INTERWINDING CAPACITANCE                       | PRI 1 TO SEC 1: 60 pH Max. @100KHz, 0.2V<br>PRI 2 TO SEC 2: 50 pH Max. @100KHz, 0.2V |
| DIELECTRIC STRENGTH                            | 1500 VAC, 2 SEC PRI TO SEC                                                           |

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