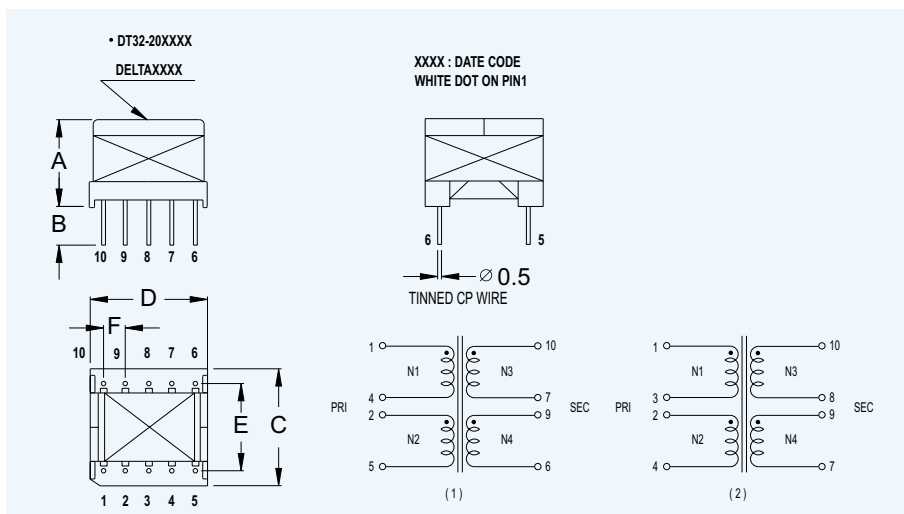




# Telecommunication ADSL Transformer Transformers

DT32-2032AT  
DT32-2065AT  
DT32-2066AT  
DT32-2028AT



DIMENSIONS IN mm

| A         | B         | C         | D         | E         | F        | G |
|-----------|-----------|-----------|-----------|-----------|----------|---|
| 12.7 MAX. | 2.79 MIN. | 14.0 MAX. | 14.0 MAX. | 10.16±0.3 | 2.54±0.3 |   |

| ELECTRICAL CHARACTERISTICS |                                                     |                                                                              |                                                                        |                                                                          |
|----------------------------|-----------------------------------------------------|------------------------------------------------------------------------------|------------------------------------------------------------------------|--------------------------------------------------------------------------|
|                            | DT32-2032AT                                         | DT32-2065AT                                                                  | DT32-2066AT                                                            | DT32-2028AT                                                              |
| T.R                        | (PRI:SEC): 2:1±2%<br>@10KHz 0.1V                    | (PRI:SEC): 2:1±2%<br>@10KHz 0.1V                                             | (PRI:SEC): 2:1±1%<br>@10KHz 0.1V                                       | (PRI:SEC): 1:1±1%<br>@10KHz 0.1V                                         |
| L                          | PRI: 410uH ± 5%<br>@10KHz 0.1V                      | PRI: 409.5uH ± 5%<br>@10KHz 0.1V                                             | PRI: 409.5uH ± 5%<br>@10KHz 0.1V                                       | PRI: 470uH ± 5%<br>@10KHz 0.1V                                           |
| L.K                        | PRI: 6.5uH Max.<br>@300KHz 0.1V                     | PRI: 6.5uH Max.<br>@300KHz 0.1V                                              | PRI: 6.5uH Max.<br>@100KHz 0.1V                                        | SEC: 10uH Max.<br>@100KHz 0.1V                                           |
| D.C.R                      | PRI: 0.6 Ω Max.<br>N3: 0.2 Ω Max.<br>N4: 0.2 Ω Max. | N1: 0.336 Ω Max.<br>N2: 0.336 Ω Max.<br>N3: 0.684 Ω Max.<br>N4: 0.684 Ω Max. | N1: 0.6 Ω ±10%<br>N2: 0.6 Ω ±10%<br>N3: 0.15 Ω ±10%<br>N4: 0.15 Ω ±10% | N1: 0.59 Ω ±10%<br>N2: 0.59 Ω ±10%<br>N3: 0.65 Ω ±10%<br>N4: 0.65 Ω ±10% |
| HI-POT                     | 1500 VAC 2 SEC                                      | 1500 VAC 2 SEC                                                               | 1500 VAC 2 SEC                                                         | 1500 VAC 2 SEC                                                           |
| C                          | -----                                               | -----                                                                        | -----                                                                  | 30pF Max. @10KHz 1V                                                      |
| I.L                        | 1.0dB Max.<br>@100KHz~300KHz                        | -----                                                                        | -----                                                                  | -----                                                                    |
| L.B                        | 40dB Min.<br>@30KHz~300KHz                          | 50dB Min.<br>@20KHz~1MHz                                                     | 46dB Min.<br>@20KHz~1MHz                                               | 40dB Min.<br>@20KHz~1MHz                                                 |
| FR                         | ± 0.6dB @100KHz~200KHz                              | -----                                                                        | -----                                                                  | -----                                                                    |
| R.L                        | -----                                               | -----                                                                        | -----                                                                  | -----                                                                    |
| T.H.D                      | -70dB Min. @20KHz                                   | -----                                                                        | -----                                                                  | -----                                                                    |
| Schematic                  | 2                                                   | 1                                                                            | 1                                                                      | 2                                                                        |

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