

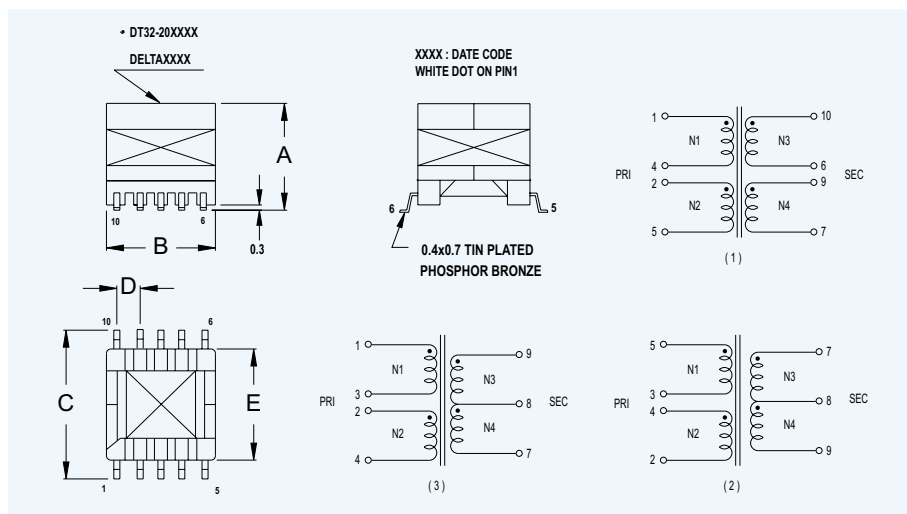


# Telecommunication

## ADSL Transformer

# Transformers

DT32-2019AS  
DT32-2020AS  
DT32-2021AS  
DT32-2062AS



DIMENSIONS IN mm

| A         | B         | C         | D        | E         | F | G |
|-----------|-----------|-----------|----------|-----------|---|---|
| 12.5 MAX. | 14.0 MAX. | 17.10±0.2 | 2.54±0.3 | 14.0 MAX. |   |   |

| ELECTRICAL CHARACTERISTICS |                                                    |                                                     |                                                                      |                                                                      |
|----------------------------|----------------------------------------------------|-----------------------------------------------------|----------------------------------------------------------------------|----------------------------------------------------------------------|
|                            | DT32-2019AS                                        | DT32-2020AS                                         | DT32-2021AS                                                          | DT32-2062AS                                                          |
| T.R                        | (PRI:SEC): 1.2:1±2%<br>@10KHz 1V                   | (PRI:SEC): 1:1.8±2%<br>@10KHz 0.1V                  | (PRI:SEC): 1:1.8±2%<br>@10KHz 0.1V                                   | (PRI:SEC): 1.2:1±1%<br>@10KHz 0.1V                                   |
| L                          | PRI: 3.96mH ±5%<br>@10KHz 0.1V                     | PRI: 3.96mH ±5%<br>@10KHz 0.1V                      | PRI: 3.96mH ±5%<br>@10KHz 0.1V                                       | PRI: 3.96mH ±5%<br>@10KHz 0.1V                                       |
| L.K                        | PRI: 15uH Max.<br>@100KHz 0.1V                     | PRI: 18uH Max.<br>@100KHz 0.1V                      | SEC: 20uH Max.<br>@100KHz 0.1V                                       | PRI: 18uH Max.<br>@100KHz 0.1V                                       |
| D.C.R                      | N1: 1.91Ω ±10%<br>N2: 1.91Ω ±10%<br>SEC: 4.0Ω ±10% | N1: 2.04Ω ±10%<br>N2: 2.04Ω ±10%<br>SEC: 7.40Ω ±10% | N1: 2.20Ω ±10%<br>N2: 2.20Ω ±10%<br>N3: 4.55Ω ±10%<br>N4: 4.80Ω ±10% | N1: 2.40Ω ±10%<br>N2: 2.40Ω ±10%<br>N3: 2.25Ω ±10%<br>N4: 1.80Ω ±10% |
| HI-POT                     | 1500 VAC 2 SEC                                     | 1500 VAC 2 SEC                                      | 1500 VAC 2 SEC                                                       | 1500 VAC 2 SEC                                                       |
| C                          | 40pF Max. @10KHz 1V                                | 40pF Max. @10KHz 1V                                 | -----                                                                | -----                                                                |
| I.L                        | -----                                              | -----                                               | 1.0 dB Max. @772KHz                                                  | -----                                                                |
| L.B                        | 40dB Min.<br>@20KHz~1.1MHz                         | 40dB Min.<br>@20KHz~1.1MHz                          | 38dB Min.<br>@20KHz~1.1MHz                                           | 40dB Min.<br>@20KHz~1.1MHz                                           |
| FR                         | -----                                              | -----                                               | -----                                                                | -----                                                                |
| R.L                        | -----                                              | -----                                               | -----                                                                | -----                                                                |
| T.H.D                      | -----                                              | -----                                               | -----                                                                | -----                                                                |
| Schematic                  | 2                                                  | 2                                                   | 1                                                                    | 1                                                                    |

DELTA ELECTRONICS, INC.

(TAOYUAN PLANT CPBG) 31-1, SHIEN PAN ROAD, KUEI SAN INDUSTRIAL ZONE, TAOYUAN SHIEN, TAIWAN, R.O.C.  
TEL: 886-3-3626301 FAX: 886-3-3618901  
<http://www.deltaww.com>