

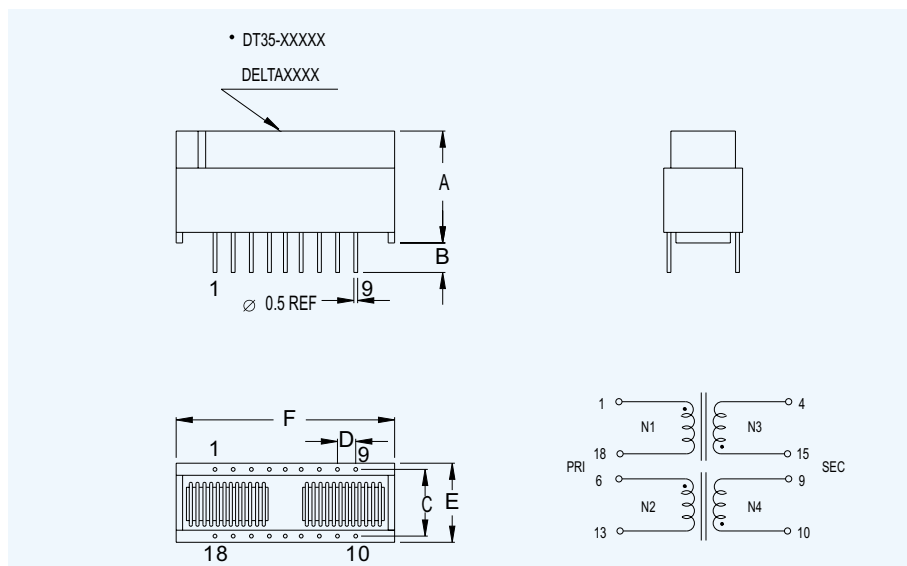


# Telecommunication

## COMMON MODE CHOKE

# Transformers

DT35-8005  
DT35-8006  
DT35-8007



DIMENSIONS IN mm

| A         | B        | C        | D         | E         | F         | G |
|-----------|----------|----------|-----------|-----------|-----------|---|
| 15.0 MAX. | 4.0± 0.3 | 8.8± 0.2 | 2.54± 0.2 | 11.0 MAX. | 30.0 MAX. |   |

### ELECTRICAL CHARACTERISTICS

|           | DT35-8005                                           | DT35-8006                                           | DT35-8007                                           |
|-----------|-----------------------------------------------------|-----------------------------------------------------|-----------------------------------------------------|
| T.R       | (PRI:SEC): 1:1± 1%<br>@10KHz 0.1V                   | (PRI:SEC): 1:1± 1%<br>@10KHz 0.1V                   | (PRI:SEC): 1:1± 1%<br>@10KHz 0.1V                   |
| L         | N1: 185uH±10%<br>N2: 620uH±10%<br>@10KHz 0.1V 160mA | N1: 210uH±10%<br>N2: 730uH±10%<br>@10KHz 0.1V 160mA | N1: 110uH±10%<br>N2: 380uH±10%<br>@10KHz 0.1V 160mA |
| L.K       | N1: 250nH Max.<br>N2: 500nH Max.<br>@100KHz 0.1V    | N1: 350nH Max.<br>N2: 650nH Max.<br>@100KHz 0.1V    | N1: 400nH Max.<br>N2: 400nH Max.<br>@100KHz 0.1V    |
| C         | N1: 40pF Max.<br>N2: 80pF Max.<br>@300KHz 0.1V      | N1: 40pF Max.<br>N2: 80pF Max.<br>@300KHz 0.1V      | N1: 50pF Max.<br>N2: 70pF Max.<br>@300KHz 0.1V      |
| D.C.R     | N1:N3: 0.36 Ω Max.<br>N2:N4: 0.65 Ω Max.            | N1:N3: 0.4 Ω Max.<br>N2:N4: 0.6 Ω Max.              | N1:N3: 0.35 Ω Max.<br>N2:N4: 0.6 Ω Max.             |
| HI-POT    | 500 VAC 60 SEC                                      | 500 VAC 60 SEC                                      | 500 VAC 60 SEC                                      |
| SCHEMATIC | 1                                                   | 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