

# Chokes

## Data Communication Circuits

8575-8623

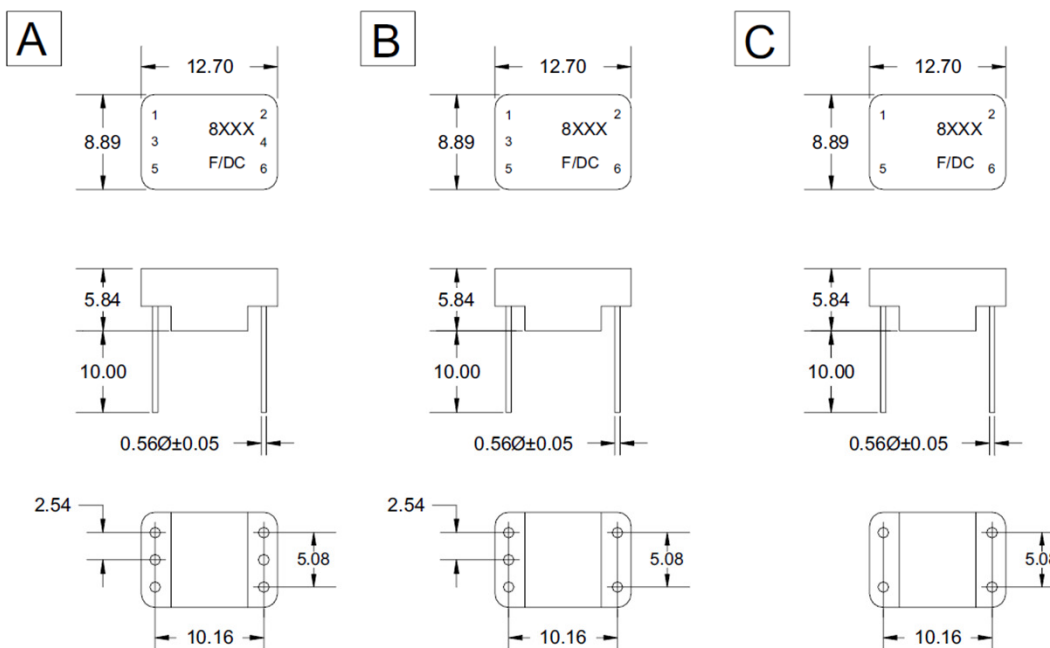
General purpose pulse transformers.

These units can be used in common applications such as:

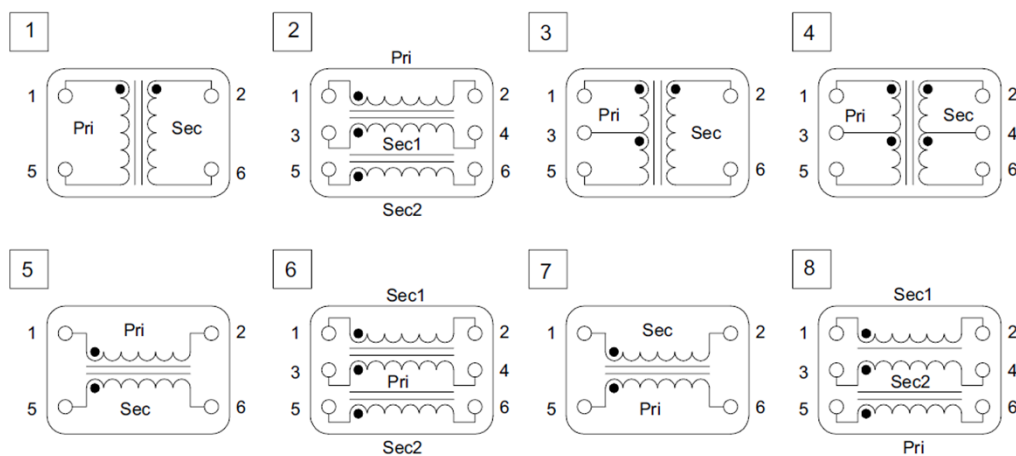
- isolating
- line coupling
- matching
- some can be used as common mode chokes



### Mechanical (All dimensions in mm)



### SCHEMATIC / PIN LAYOUT (TOP VIEW)



# Chokes

## Data Communication Circuits

**8575-8623**

### Electrical Specifications @ 25°C

| Part Number | Turns Ratio (±2%) | Primary Inductance (μH MIN) | Leakage Inductance (μH MAX) | Interwinding Capacitance (pF MAX) | DCR Ω | Pin Layout | Mechanical Dimensions |
|-------------|-------------------|-----------------------------|-----------------------------|-----------------------------------|-------|------------|-----------------------|
| 8575        | 1:1               | 9.5                         | 0.20                        | 10                                | 0.40  | 1          | C                     |
| 8576        | 4:1               | 9.5                         | 1.20                        | 5.0                               | 0.40  |            |                       |
| 8577        | 1:1               | 20.1                        | 0.20                        | 5.0                               | 0.20  |            |                       |
| 8578        | 1:1               | 23                          | 0.20                        | 8.0                               | 0.30  |            |                       |
| 8579        | 2:1               | 23                          | 0.40                        | 10                                | 0.30  |            |                       |
| 8580        | 1:1               | 50                          | 0.20                        | 10                                | 0.40  |            |                       |
| 8580-1      | 1:1               | 33                          | 0.40                        | 20                                | 0.05  |            |                       |
| 8581        | 4:1               | 90                          | 1.00                        | 5.0                               | 0.40  |            |                       |
| 8582        | 1:1               | 219                         | 0.25                        | 12                                | 0.50  |            |                       |
| 8583        | 3:1               | 251                         | 1.00                        | 5.0                               | 0.50  |            |                       |
| 8584        | 1:1               | 492                         | 0.30                        | 20                                | 0.80  |            |                       |
| 8585        | 1:1               | 850                         | 0.30                        | 50                                | 0.30  |            |                       |
| 8586        | 1:1               | 938                         | 0.20                        | 35                                | 0.15  |            |                       |
| 8587        | 1:1               | 1000                        | 0.30                        | 25                                | 0.30  |            |                       |
| 8588        | 2:1               | 1970                        | 1.60                        | 20                                | 1.50  |            |                       |
| 8589        | 1:1               | 2060                        | 0.60                        | 35                                | 1.50  |            |                       |
| 8590        | 4:1               | 2160                        | 2.80                        | 12                                | 1.50  |            |                       |
| 8591        | 1:1               | 4000                        | 0.60                        | 45                                | 1.50  |            |                       |
| 8592        | 1:1               | 11mH                        | 65.0                        | 5.0                               | 5.00  | 2          | A                     |
| 8593        | 1:1               | 11.7mH                      | 0.40                        | 80                                | 1.35  |            |                       |
| 8594        | 1:1:1             | 9.5                         | 0.20                        | 10                                | 0.40  |            |                       |
| 8595        | 1:1:1             | 23                          | 0.20                        | 8.0                               | 0.30  |            |                       |
| 8596        | 1:1:1             | 219                         | 0.25                        | 12                                | 0.50  |            |                       |
| 8597        | 1:1:1             | 469                         | 3.50                        | 3.0                               | 0.40  |            |                       |
| 8598        | 1:1:1             | 492                         | 0.30                        | 20                                | 0.80  |            |                       |
| 8599        | 1:1:1             | 2060                        | 0.60                        | 35                                | 1.50  |            |                       |
| 8600        | 1:1:1             | 5870                        | 0.90                        | 60                                | 1.70  | 3          | B                     |
| 8601        | 2CT:1             | 125                         | 0.50                        | 12                                | 0.50  |            |                       |
| 8602        | 1CT:1             | 219                         | 0.30                        | 13                                | 0.60  |            |                       |
| 8603        | 2CT:1             | 415                         | 0.20                        | 15                                | 0.30  |            |                       |
| 8604        | 1CT:1             | 540                         | 0.40                        | 22                                | 0.90  |            |                       |
| 8605        | 2CT:1             | 1970                        | 0.70                        | 35                                | 1.50  |            |                       |
| 8606        | 1CT:1             | 1970                        | 1.00                        | 36                                | 1.60  | 4          | A                     |
| 8607        | 1CT:1CT           | 400                         | 85.0                        | 3                                 | 0.30  |            |                       |
| 8608        | 2CT:1CT           | 1710                        | 3.00                        | 20                                | 1.00  |            |                       |
| 8609        | 1CT:2CT           | 1800                        | 1.00                        | 20                                | 1.00  |            |                       |
| 8610        | 1CT:1CT           | 3200                        | 2.00                        | 27                                | 1.00  |            |                       |
| 8611        | 2CT:1CT           | 4350                        | 3.00                        | 20                                | 1.00  |            |                       |
| 8612        | 1CT:2CT           | 7600                        | 0.80                        | 25                                | 1.80  | 5          | C                     |
| 8613        | 1:1               | 50                          | 0.20                        | 10                                | 0.40  |            |                       |
| 8614        | 1:1               | 219                         | 0.25                        | 12                                | 0.50  |            |                       |
| 8615        | 1:1               | 492                         | 0.30                        | 20                                | 0.80  |            |                       |
| 8616        | 1:1               | 2060                        | 0.60                        | 35                                | 1.50  | 6          | A                     |
| 8617        | 2:1:1             | 9.5                         | 0.40                        | 8                                 | 0.40  |            |                       |
| 8618        | 2:1:1             | 540                         | 0.80                        | 10                                | 0.80  |            |                       |
| 8619        | 2:1:1             | 1020                        | 2.00                        | 30                                | 1.50  |            |                       |
| 8620        | 2:1:1             | 2160                        | 1.60                        | 20                                | 1.50  | 7          | C                     |
| 8621        | 2:1               | 219                         | 0.60                        | 8                                 | 0.50  |            |                       |
| 8622        | 3:1               | 1970                        | 1.80                        | 15                                | 1.50  |            |                       |
| 8623        | 3:3:2             | 400                         | 0.50                        | 15                                | 0.20  | 8          | A                     |