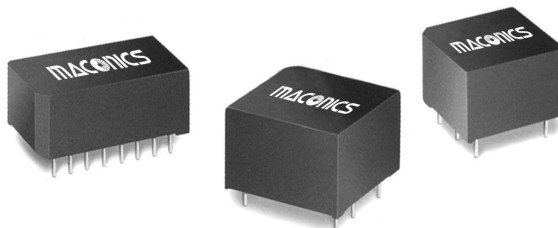


# ISDN S-INTERFACE TRANSFORMERS

Through Hole, Single, 2000 Vrms

**MACONICS**  
MAGNETICS SOLUTION FOR 3C



Electrical Specifications @ 25°C — Operating Temperature 0°C to 70°C

## 2KV ISOLATION, THROUGH HOLE, SINGLE TRANSFORMERS

| Part Number | Ratio <sup>A</sup><br>(±2%) | OCL Pri<br>(mH MIN) | L <sub>L</sub> Sec<br>(μH MAX) | C w/w<br>(pF MAX) | CD Pri<br>(pF MAX) | DCR Pri<br>(W ±5%) | DCR Sec<br>(W ±5%) | Isolation<br>(Vrms MIN) | D I <sub>dc</sub> <sup>C</sup><br>(mA MAX) | Package/<br>Schematic |
|-------------|-----------------------------|---------------------|--------------------------------|-------------------|--------------------|--------------------|--------------------|-------------------------|--------------------------------------------|-----------------------|
| MR-75004    | 1CT:1CT                     | 22                  | 5                              | 100               | 42                 | 2.4                | 2.4                | 2000                    | 1                                          | B                     |
| MR-75005    | 1CT:1.8CS                   | 22                  | 15                             | 100               | 160                | 2.5                | 4.2                | 2000                    | 1                                          | C                     |
| MR-75006    | 1CT:2CT                     | 22                  | 15                             | 100               | 80                 | 2.5                | 4.3                | 2000                    | 1                                          | B                     |
| MR-75007    | 1CT:2.5CS                   | 22                  | 30                             | 100               | 150                | 2.5                | 5.8                | 2000                    | 1                                          | C                     |
| MR-75009    | 1CS:2.5CS                   | 22                  | 15-40                          | 100               | 110                | 2.5                | 5.8                | 2000                    | 1                                          | D                     |
| MR-75000    | 1CT:2CT                     | 22                  | 11                             | 100               | 180                | 2.4                | 4.4                | 2000                    | 1                                          | B                     |

## Mechanicals

## Schematics

