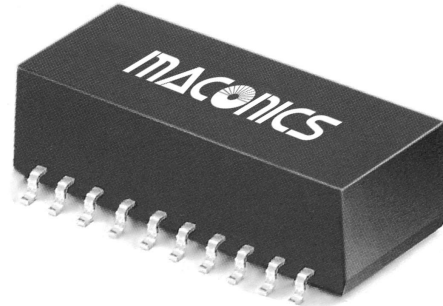


# ISDN S-INTERFACE MODULES

Surface Mount, Dual, 1500 Vrms

**MACONICS**  
MAGNETICS SOLUTION FOR 3C



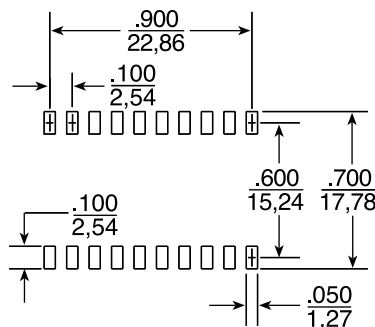
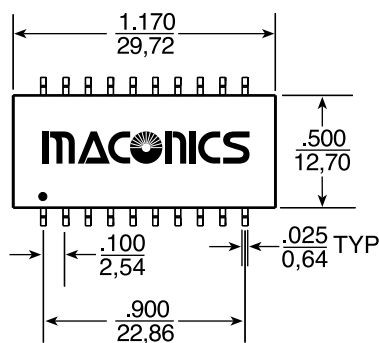
## Electrical Specifications @ 25°C — Operating Temperature 0°C to 70°C

| Part Number | Transformer                  |                     |                                      |                             |                    |                                 |                                 | Choke       |                        | D I <sub>DC</sub><br>(mA MAX) | Secondary Pins |
|-------------|------------------------------|---------------------|--------------------------------------|-----------------------------|--------------------|---------------------------------|---------------------------------|-------------|------------------------|-------------------------------|----------------|
|             | Ratio $\pm 2\%$<br>(Pri:Sec) | OCL Pri<br>(mH MIN) | L <sub>L</sub> Sec<br>( $\mu$ H MAX) | C <sub>WW</sub><br>(pF MAX) | CD Pri<br>(pF MAX) | DCR Pri<br>( $\Omega$ +25% MAX) | DCR Sec<br>( $\Omega$ +25% MAX) | OCL         | DCR<br>( $\Omega$ MAX) |                               |                |
| TM6145      | 1CT:2CT                      | 30                  | 10                                   | 150                         | 100                | 3.4                             | 5.4                             | 4.7 mH      | 1.4                    | 3                             | 20-18, 13-11   |
| TM6148      | 1CT:2.5CT                    | 30                  | 10                                   | 150                         | 100                | 3.4                             | 7.0                             | 4.7 mH      | 1.4                    | 3                             | 20-18, 13-11   |
| TM6149      | 1CT:2CT                      | 30                  | 10                                   | 150                         | 100                | 3.4                             | 5.4                             | 470 $\mu$ H | 1.4                    | 3                             | 20-18, 13-11   |
| TM6140      | 1CT:2.5CT                    | 30                  | 10                                   | 150                         | 100                | 3.4                             | 7.0                             | 470 $\mu$ H | 1.4                    | 3                             | 20-18, 13-11   |

## Mechanical

## Schematic

A1



SUGGESTED PAD LAYOUT

