

# 10/100 PC CARD LAN MAGNETICS SOLUTIONS



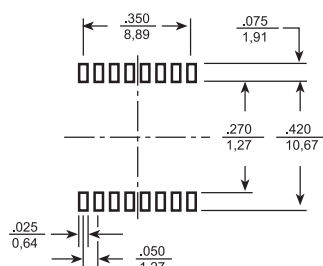
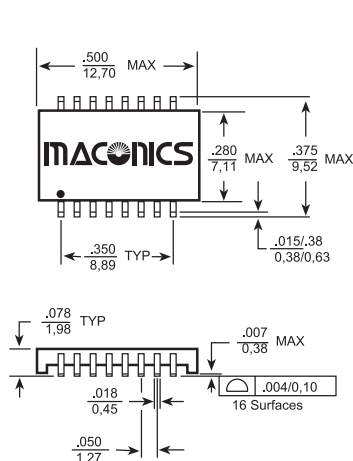
## Electrical Specifications @ 25°C — Operating Temperature 0°C to 70°C

| Part Number | Turns Ratio |       | Insertion Loss<br>100 KHz-100 MHz<br>(dB MAX) | Return Loss<br>(TYP) |        |        | Differential to Common<br>Mode Rejection<br>(dB MIN) |        |         | Crosstalk<br>(dB MIN) |        |         | Hipot<br>(Vrms<br>MIN) |
|-------------|-------------|-------|-----------------------------------------------|----------------------|--------|--------|------------------------------------------------------|--------|---------|-----------------------|--------|---------|------------------------|
|             | TX          | RX    |                                               | 30 MHz               | 60 MHz | 80 MHz | 30 MHz                                               | 50 MHz | 100 MHz | 30 MHz                | 60 MHz | 100 MHz |                        |
| HS1124      | 1 : 1       | 1 : 1 | -0.9                                          | -16                  | -12    | -11    | -35                                                  | -33    | -20     | -50                   | -45    | -40     | 1500                   |

## Mechanical

### HS1124

## Schematic



SUGGESTED LAND PATTERN

