

# 4/16 Mbps Token Ring 24 Pin Module for Transmit and Receive

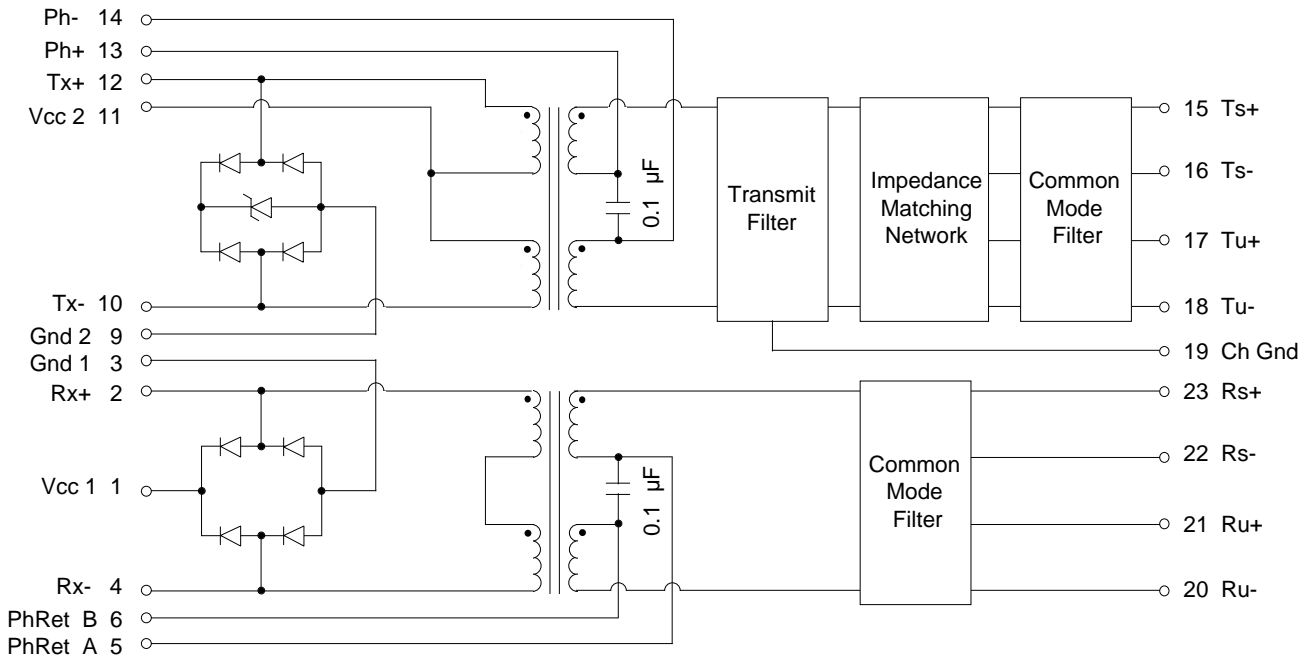
## Features

- Supports both STP and UTP Transmission
- Overvoltage Protection Circuit
- Complies with IEEE 802.5 Specifications

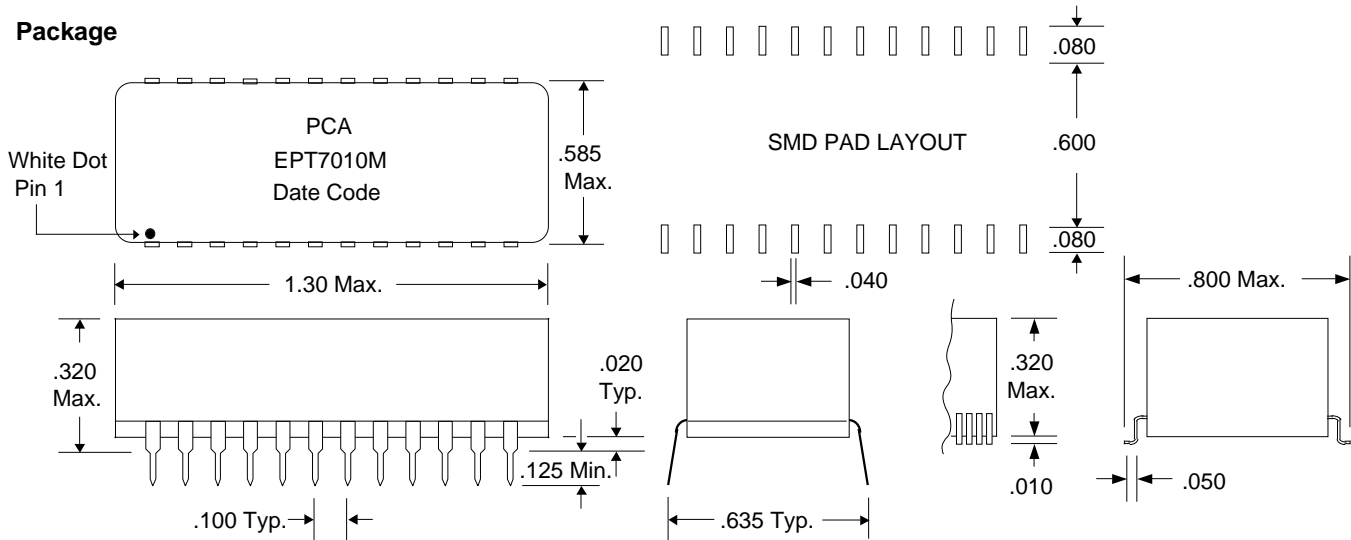
## Electrical Specifications @ 25°C

| PCA Part Number(s)         |          | EPT7010M & EPT7010MG |              |              |             |               |             |             |
|----------------------------|----------|----------------------|--------------|--------------|-------------|---------------|-------------|-------------|
| Characteristic Impedance   |          | 150                  |              |              |             |               |             |             |
| Insertion Loss             | 8 MHz    | 16 MHz               | 32 MHz       | 36 MHz       | Return Loss | 1-17 MHz      | 17-25 MHz   |             |
|                            | Transmit | -0.5 dB Max.         | -0.8 dB Max. | -0.7 dB Max. |             | -0.30 dB Min. | Transmit    | -15 dB Min. |
| Insertion Loss             | 8 MHz    | 16 MHz               | 24 MHz       |              | Return Loss | 1-17 MHz      | 17-25 MHz   |             |
|                            | Receive  | -0.5 dB Max.         | -0.5 dB Max. | -0.5 dB Max. |             | Receive       | -20 dB Min. | -15 dB Min. |
| Common to Common Rejection | 20 MHz   | 100 MHz              | 200 MHz      |              | Crosstalk   | 8 MHz         | 10 MHz      | 32 MHz      |
|                            | Transmit | -70 dB Min.          | -45 dB Min.  | -42 dB Min.  |             | Transmit      | -80 dB Typ. | -75 dB Typ. |

## Schematic



## Package



Leads : .018 Typ. x .008/.012

DST7010 Rev. A 1/16/95

Unless Otherwise Noted Dimensions in Inches

Tolerances:  
 Fractional = ± 1/32  
 .XX = ± .030    .XXX = ± .010



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