

# 1000 Base-T Magnetics Modules

Designed to Support 1:1 Turns Ratio Transceivers



1) IEEE 802.3af/ANSI X3.263 compliant performance.

2) Designed for IP phone or switch applications.

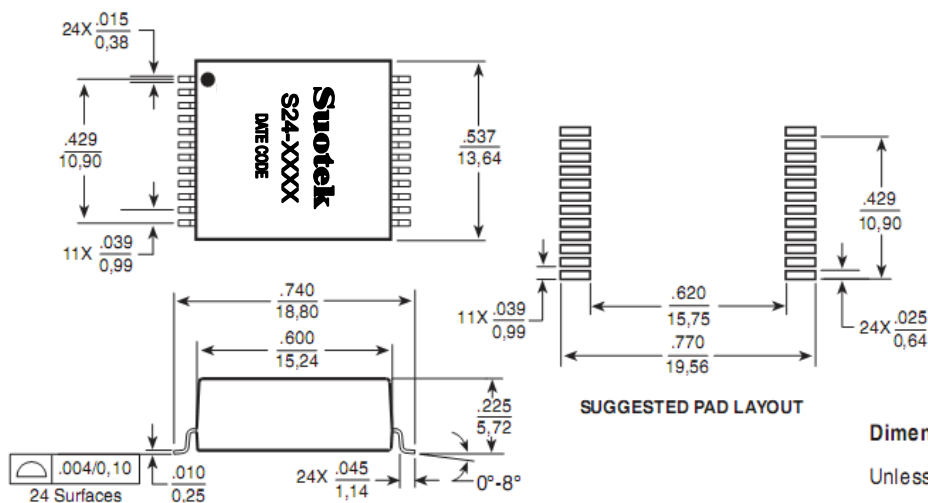


Electrical Specifications @ 25°C --- Operating temperature 0°C To 70°C .

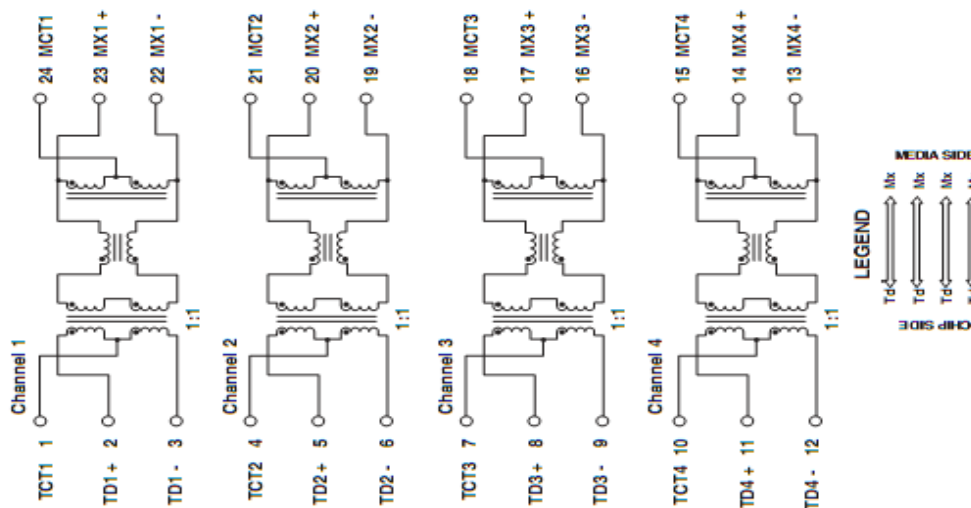
## Part Number: S24-5008

| Insertion Loss (dB Max) | Return Loss (dB Min. @ 100 ohm) |       |       |          |        | Differential to Common Mode Rejection (dB Min.) |       |        | Crosstalk (dB Min.) |       |        | Hi-Pot (Vrms) |
|-------------------------|---------------------------------|-------|-------|----------|--------|-------------------------------------------------|-------|--------|---------------------|-------|--------|---------------|
| 1~100MHz                | 1-30MHz                         | 40MHz | 50MHz | 60-80MHz | 100MHz | 30MHz                                           | 60MHz | 100MHz | 30MHz               | 60MHz | 100MHz | 1500V         |
| 1.0                     | -18                             | -18   | -16   | -12      | -10    | -43                                             | -37   | -33    | -43                 | -37   | -33    |               |

## Mechanical Dimensions



## Schematics



SUOTEK ELECTRONICS COMPANY LIMITED

Tel: 86-769-86318023 Fax : 86-769-86318022 Website: [www.suotek.com](http://www.suotek.com) E-mail: [sales@suotek.com](mailto:sales@suotek.com)

Lan075