







-  Compliant with IEEE802.3 specification
-  Enhanced crosstalk and return loss performance
-  Support 4 pairs of Category 5 UTP cable with 1000Base-T full duplex applications
-  Designed to withstand IR-reflow with peak temperature per IPC/JEDEC J-STD-020C
-  Operating temperature 0°C to +70°C.
-  RoHS compliant

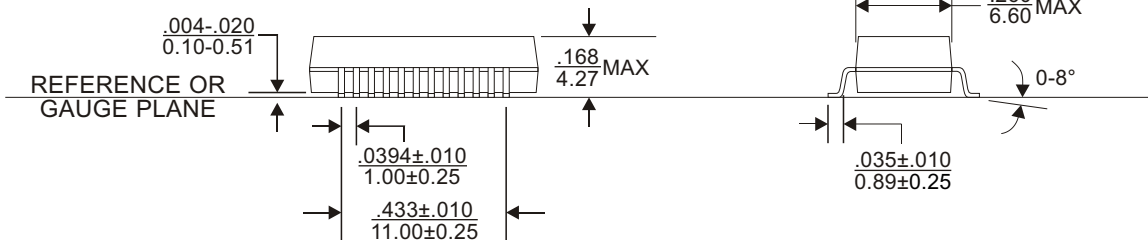
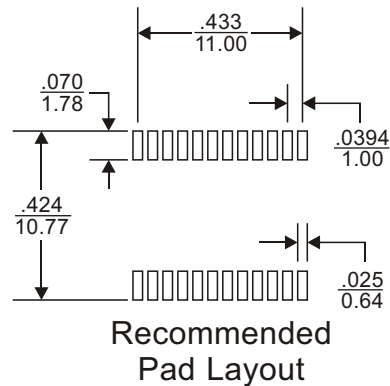
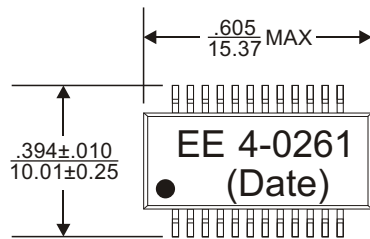


**ELECTRICAL SPECIFICATION @ 25°C**

| Part Number | Insertion Loss (dB Max) | Return Loss (dB Min) |         |       |       |       | Crosstalk (dB Min) | Hipot (Vrms) |
|-------------|-------------------------|----------------------|---------|-------|-------|-------|--------------------|--------------|
|             |                         | .1-100MHz            | 1-40MHz | 50MHz | 60MHz | 80MHz |                    |              |
| 824-00261F  | 1.0                     | 18.0                 | 16.0    | 14.5  | 12.0  | 10.0  | 35.0               | 1500         |

**MECHANICAL DIMENSIONS**

Package: SO024H



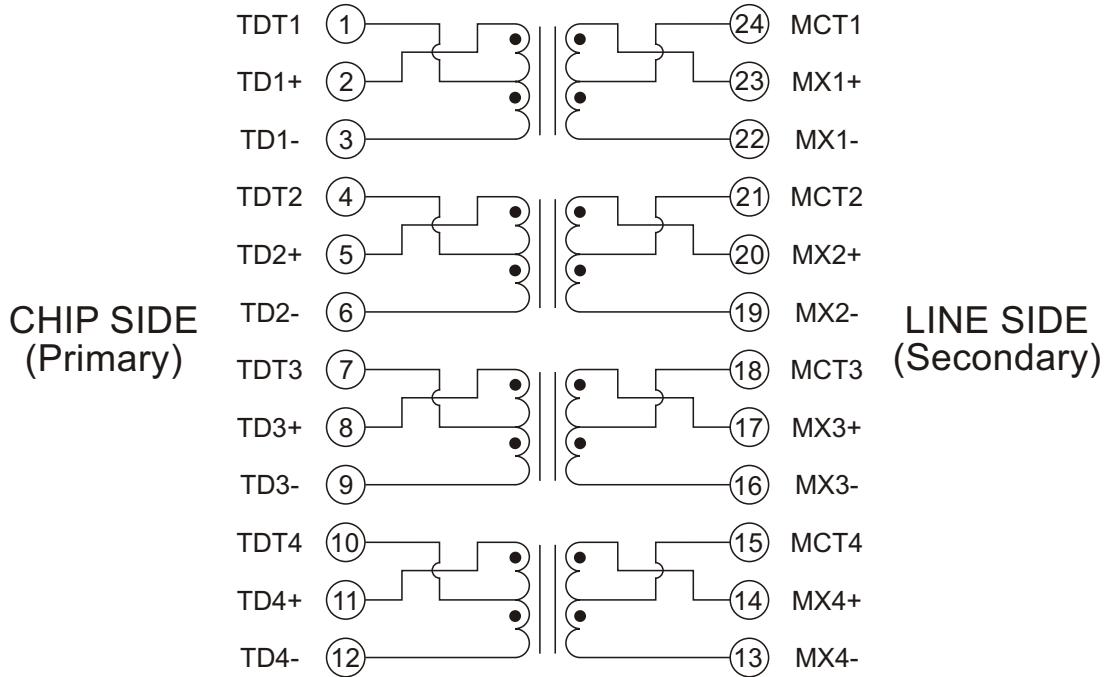
**Notes:**

2. All dimensions are specified in  $\frac{\text{inches}}{\text{mm}}$  with higher precedence in inches.
3. Unless otherwise specified, all tolerances are  $\pm \frac{.010}{0.25}$ .



**SCHEMATICS**

824-00261F



**FOR MORE INFORMATION, PLEASE CONTACT**

**HEADQUARTER**

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