



- Compliant with IEEE802.3af standard including 350uH OCL with 8mA DC bias
- 350mA balanced DC line current capability
- 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 version is available

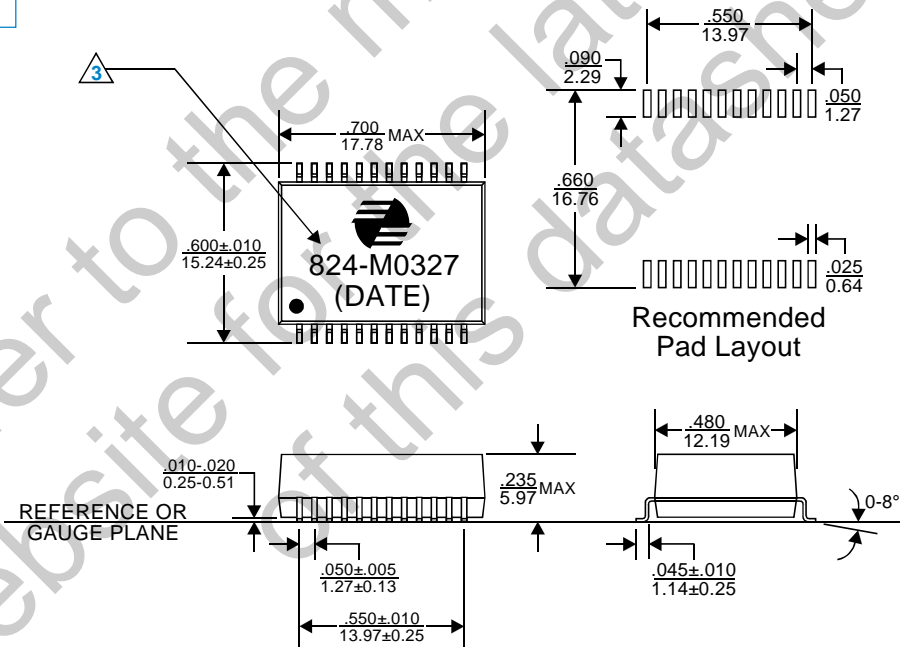


**ELECTRICAL SPECIFICATION @ 25°C**

Part Number	RoHS Part Number	Insertion Loss (dB Max)		Return Loss (dB Min)				Crosstalk (dB Min)			Hipot (Vrms)
		.1-100MHz	100-125MHz	30MHz	60MHz	80MHz	100MHz	30MHz	60MHz	100MHz	
824-M0327	824-M0327R	1.1	2.0	18.0	12.0	12.0	10.0	43.0	37.0	33.0	1500

**MECHANICAL DIMENSIONS**

Package: SO024A



**Notes:**

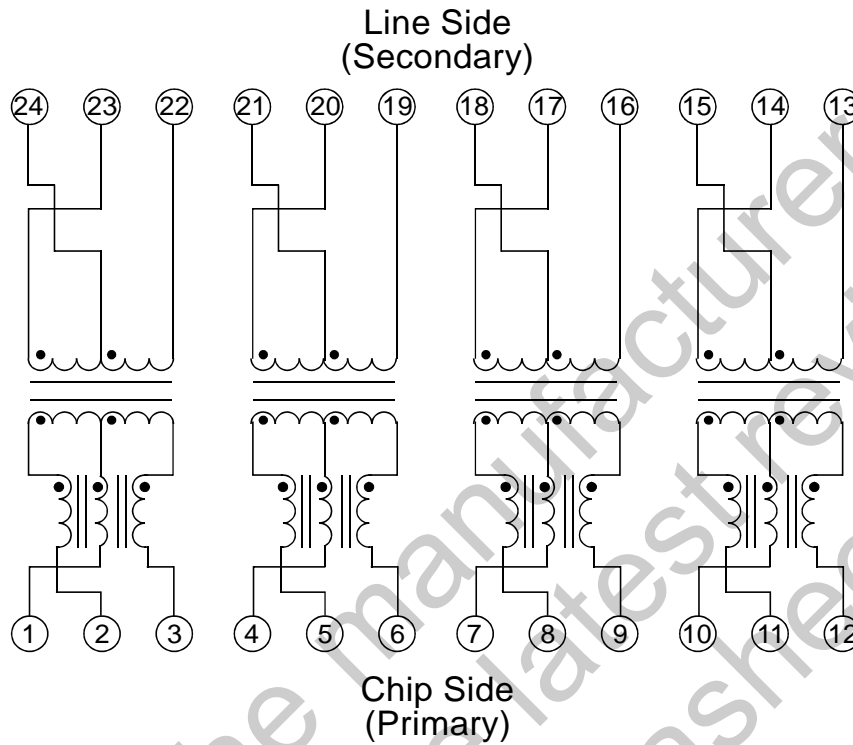
1. All dimensions are specified in  $\frac{\text{inches}}{\text{mm}}$  with higher precedence in inches.
2. Unless otherwise specified, all tolerances are  $\pm \frac{0.10}{0.25}$ .
3. For available RoHS part number, the part will be marked with "824-M0327R", instead of "824-M0327".

Weight (in gram)	: 2.4 typ.
Tape & Reel	: 450 / reel



SCHEMATICS

824-M0327



FOR MORE INFORMATION, PLEASE CONTACT

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