




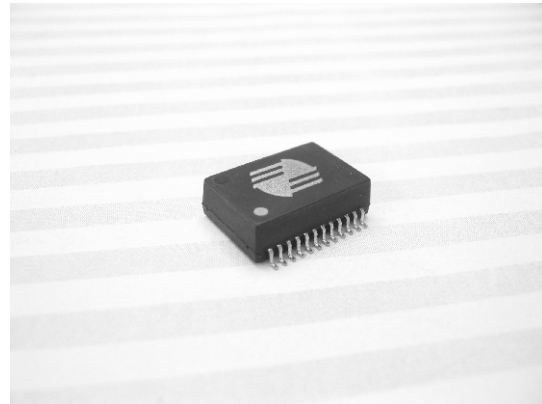




-  Compliant with IEEE802.3 standard including 350uH OCL with 8mA DC bias
-  Designed to withstand IR-Reflow with peak temperature per IPC/JEDEC J-STD-020C
-  Operating temperature 0°C to +70°C
-  Symmetrical TX and RX channels suitable for Auto MDI/MDIX applications
-  RoHS compliant



ELECTRICAL SPECIFICATION @ 25°C

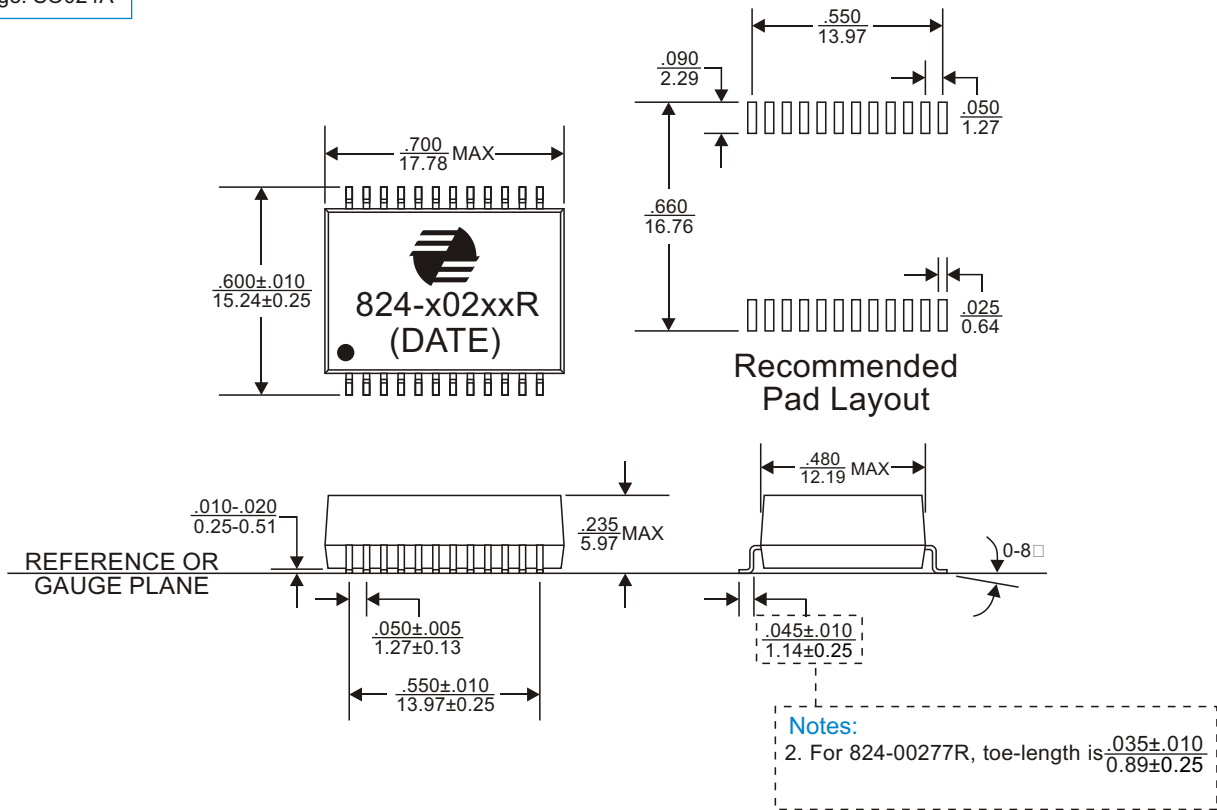
Part Number	Insertion Loss (dB Max)	Return Loss (dB Min)				CMRR (dB Min)		Crosstalk (dB Min)	Hipot (Vrms)
		.1-100MHz	1-30MHz	40MHz	50MHz	60-80MHz	1-60MHz		
824-M0256R	1.0	18.0	14.4	13.1	12.0	37.0	25.0	33.0	1500
						.1-100MHz			
824-M0277R ^{1,2}	1.4	16.0	14.4	13.1	12.0	33.0		33.0	1500

Notes:

1. Operating temperature -40°C to +85°C

MECHANICAL DIMENSIONS

Package: SO024A



Notes:

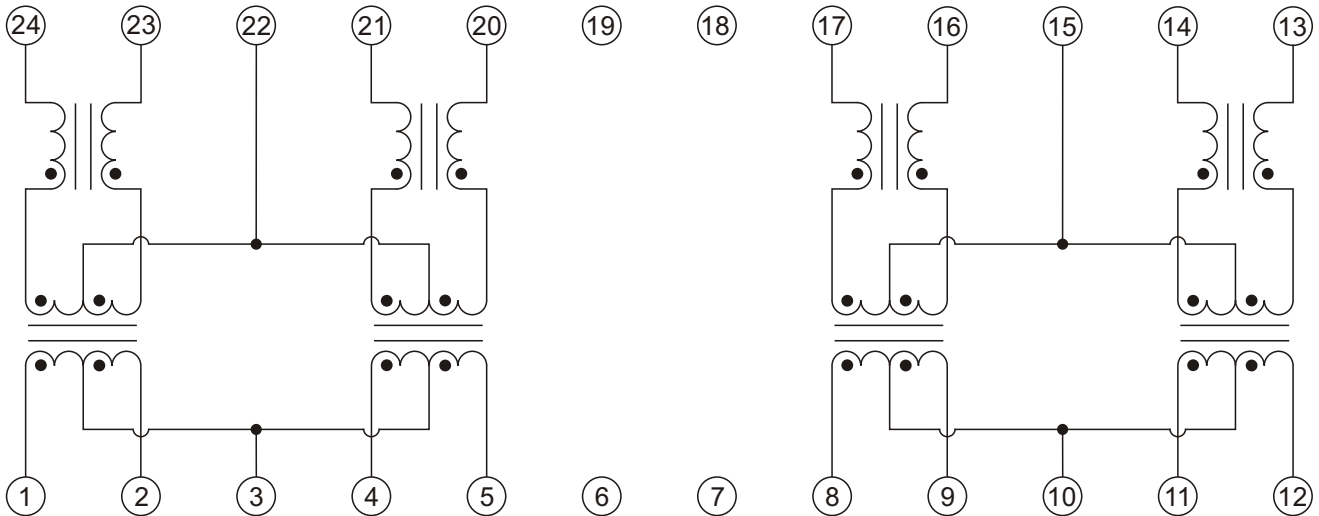
3. All dimensions are specified in inches with higher precedence in inches.
mm
4. Unless otherwise specified, all tolerances are $\pm \frac{.010}{0.25}$.

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

SCHEMATICS

824-M0256R

LINE SIDE (Secondary)

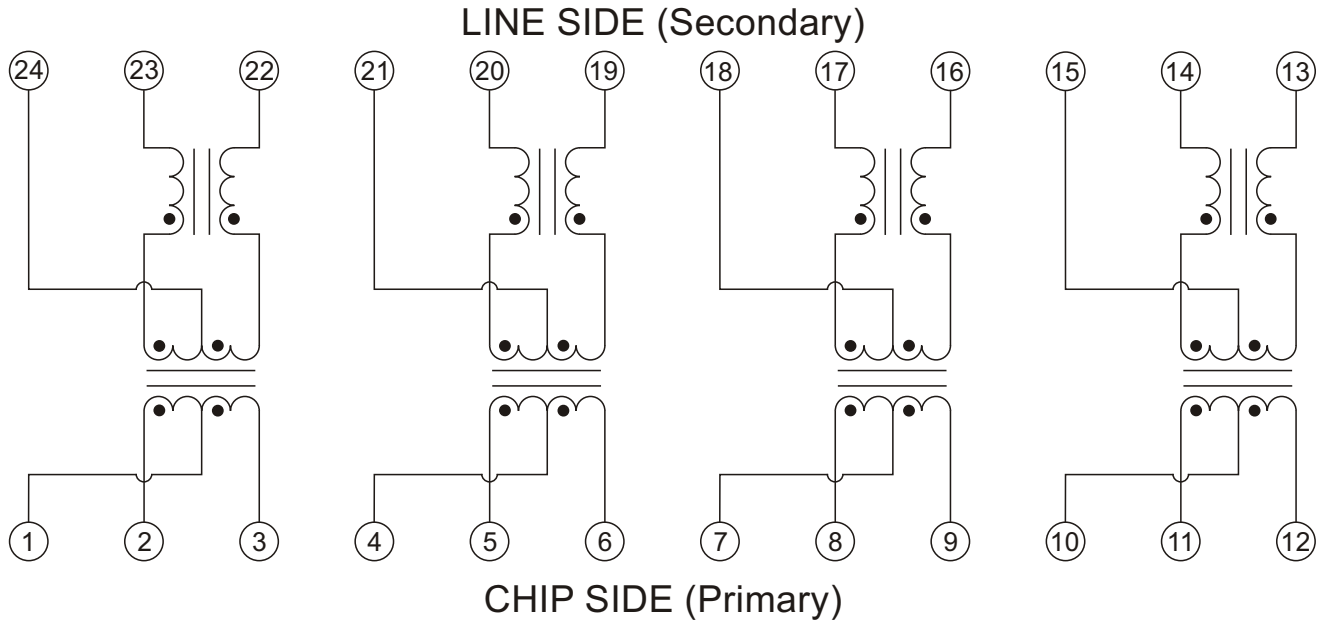


CHIP SIDE (Primary)



SCHEMATICS

824-00277R



FOR MORE INFORMATION, PLEASE CONTACT

HEADQUARTER

1/F., Harbour View 1, No.12 Science Park East Avenue,
Phase II, Hong Kong Science Park, Shatin, N.T.
Hong Kong

Tel: (852) 2954 3333 Fax: (852) 2954 3304

Email: eempl@eleceltek.com

Website: <http://www.eleceltek.com> / www.eemagnetic.com

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1/F., Harbour View 1, No.12 Science Park East Avenue, Phase II, Hong Kong Science Park, Shatin, N.T. Hong Kong
Tel: (852) 2954 3333 • Fax: (852) 2954 3304