

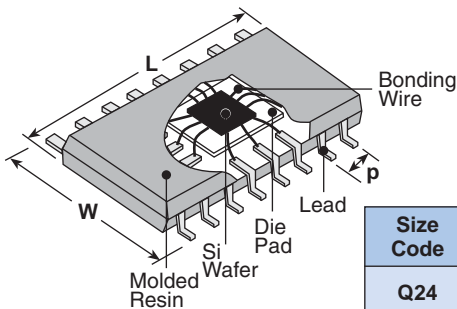
### features

- 9 RC termination circuits per package
- ESD protection
- Thin film ultra stable circuit elements
- Products with lead-free terminations meet EU RoHS and China RoHS requirements

### applications

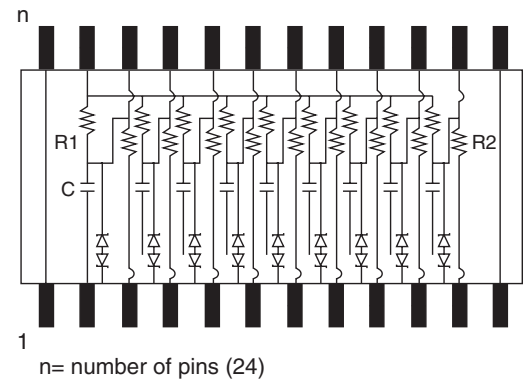
- Bi-directional I/O
- EMI/RFI filter
- I/O operating > 20MHz

### dimensions and construction



Size Code	Dimensions inches (mm)		
	L	W	p
Q24	.341 (8.66)	.236 (5.99)	.025 (0.635)

### circuit schematic



### ordering information

New Part #	AAB	Q24	T	TEB
Type	AAA AAB AAC AAD	Package Symbol Package type symbol + number of pins QSOP: Q24	Termination Material T: Sn (Other termination styles available, contact factory for options)	Packaging TEB: 13" embossed plastic tape

### applications and ratings

Part Designation	Power Rating @ 70°C (Resistor)	Power Rating @ 70°C (Package)	Resistor Tolerance	T.C.R. (ppm/°C)	Capacitor Tolerance	Diode Breakdown Voltage	ESD Withstanding Voltage (HMB)	Operating Temperature Range
AA(X)	100mW	1W	±10%	±200	±20%	±6V	±8kV	-55°C to +125°C

### standard circuit elements

Product Code	R1	R2	C
AAA	1.0KΩ	33Ω	180pF
AAB	2.2KΩ	33Ω	220pF
AAC	4.7KΩ	10Ω	180pF
AAD	4.7KΩ	33Ω	180pF

For further information on packaging, please refer to Appendix A.

Specifications given herein may be changed at any time without prior notice. Please confirm technical specifications before you order and/or use.

2/12/08