



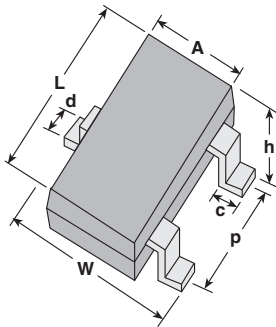
features

- EMI/RFI attenuation
- Reduced board space
- Better tracking of electrical parameters
- Precision characteristics
- Products with lead-free terminations meet EU RoHS and China RoHS requirements

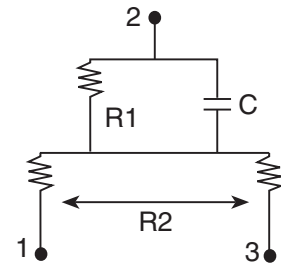
applications

- Low pass filter
- Clock termination
- EMI/RFI attenuator

dimensions and construction



circuit schematic



Size Code	Dimensions inches (mm)						
	L	W	A	p	h	d	c
S03	.115±.001 (2.92±0.2)	.091±.001 (2.30±0.2)	.045±.001 (1.15±0.2)	.075±.004 (1.91±0.1)	.037±.004 (0.95±0.1)	.017±.004 (0.43±0.1)	.016±.004 (0.40±0.1)

ordering information

New Part #	CTX	S03	T	TE	XXXX*
	Type	Package Symbol	Termination Material	Packaging	Custom Value Code
		Package type symbol + number of pins SOT23: S03	T: Sn (Other termination styles available, contact factory for options)	TE: 7" embossed plastic tape	* Value code assigned by KSE Engineering

applications and ratings

Part Designation	Power Rating @ 70°C (Resistor)	Capacitor Voltage Rating	Resistor Tolerance	T.C.R. (ppm/°C)	Capacitor Tolerance	Operating Temperature Range
CTX	100mW	20V	±10%	±200	±20%	-55°C to +150°C

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