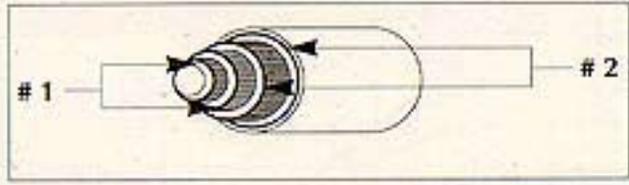


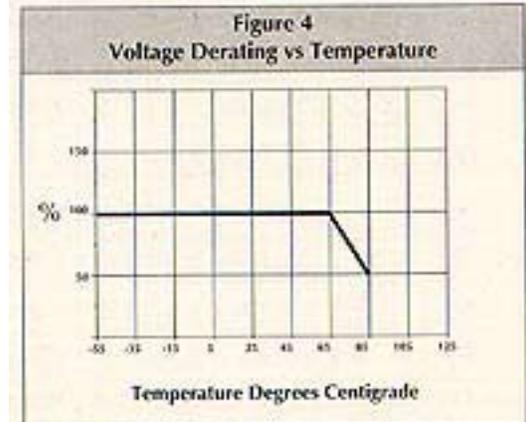
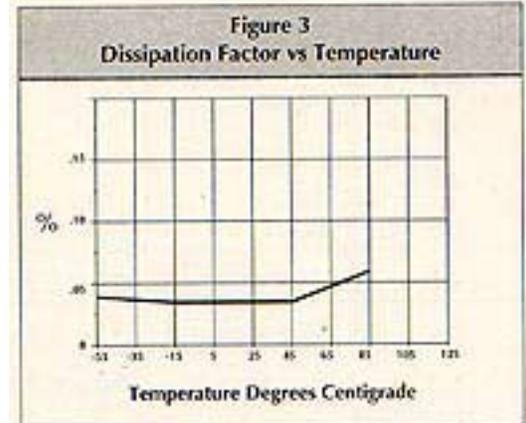
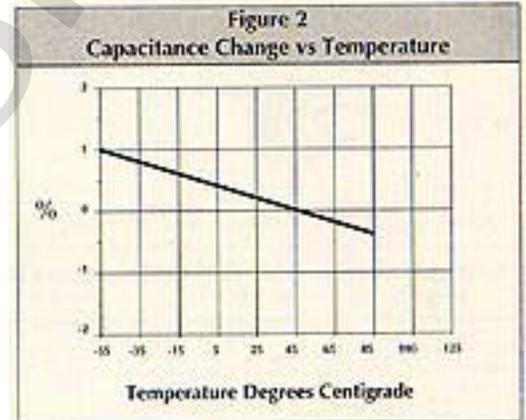
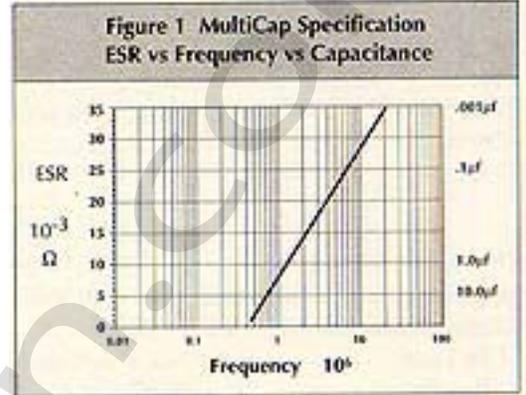
REL MultiCap™ - Series RTX**MultiCap™ - Polystyene & Tin Foil Multiple-Section Capacitor**

The RTX series of the MultiCap™ reduces typical capacitor loss factors with a patented design that winds capacitors coaxially one upon the other, into a single, self-bypassed unit. Since each section is parallel, the inductance of the overall capacitor is reduced by the number of sections used - typically 10. Inductance, resonance, dissipation factor (DF) and equivalent series resistance (ESR) are reduced significantly (see Figure 1); dielectric absorption (DA) is extremely low. The RTX series is ideal for use in high current, high-frequency applications and wherever very low DA, ESR, and DF are important. Or simply wherever the finest film and foil capacitors are required.

Capacitance Values:	.01 to 3.0 uf
Tolerances:	+/- 10%. Special tolerances on request.
Working Voltages:	100, 200, 400, 600 (small values)
Test Volts:	2.0 x rated voltage for one minute.
Dissipation Factor:	< 0.02% @1kHz @ 25 degrees C
Insulation Resistance:	>300,000 megohm/ufd
Operating Temperature Range:	- 55 to 85 degrees C
Temperature Coefficient:	See Figure 4
Life Tests:	rated voltage @ 85 degrees C for 1000 hrs
Vibration:	Will meet Mil-C-19978B
Lead Material:	Tin-plated copper. Others available on request.



A cross-sectional drawing (leads removed) showing the coaxial construction of a MultiCap™. For simplicity's sake, only two of the 10 sections are included.



DIMENSIONS (INCHES) - MultiCap™ RTX - AXIAL LEADS, ROUND CASE

Capacitance in ufd	100 VDC dia x 1	200 VDC dia x 1	400 VDC dia x 1	600 VDC dia x 1
.01	--	--	.40 x .75	.40 x 1.10
.022	--	--	.50 x .80	.50 x 1.10
.033	--	--	.60 x 1.0	.70 x 1.10
.047	.42 x .75	.44 x 1.0	.56 x 1.0	.70 x 1.30
.068	.40 x 1.10	.50 x 1.0	.60 x 1.25	.70 x 1.30
.10	.35 x 1.10	.50 x 1.30	.60 x 1.5	.80 x 1.80
.15	.50 x 1.10	.60 x 1.30	.70 x 1.50	.95 x 1.80
.22	.60 x 1.25	.66 x 1.50	.70 x 1.80	1.10 x 1.80
.33	.62 x 1.50	.85 x 1.50	.85 x 1.80	1.10 x 1.80
.47	.75 x 1.50	.90 x 1.75	1.20 x 1.80	1.20 x 2.40
.68	.80 x 1.75	1.10 x 1.75	1.30 x 1.80	1.30 x 2.40
1.0	.80 x 1.80	1.20 x 1.80	1.20 x 2.40	--
1.5	.95 x 1.75	1.40 x 1.80	--	--
2.0	1.40 x 1.75	1.40 x 2.30	--	--
3.0	1.35 x 2.25	1.50 x 2.30	--	--

RTX
Polystyrene & Tin

Voltage	Microfarads	Gauge Wire
100V	.068 - .10	22GA
	.15 - .22	20GA
	1.0	18GA
	3.0	16GA
200V	.015 - .22	20GA
	.33 - .47	18GA
	1.0 - 3.0	16GA
400V	.01 - .022	22GA
	.047 - .10	20GA
	.22	18GA
	.33 - 1.0	16GA
600V	.01 - .047	20GA
	.10 - .22	18GA
	.33 - .47	16GA

Lead Diameters: .025" for caps 1/4 - 1/2" long; .032" for caps 1/2 - 3/4" long; .04" for caps 3/4 - 1" long; .051" for caps over 1" long.