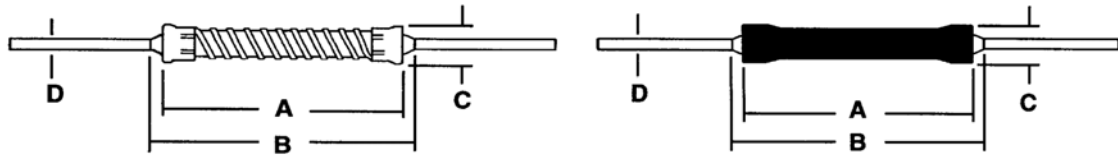


- Features:
- Low cost, high performance
  - Resistance range from 0.2 to 600 ohms
  - Power rating: EL series = 4 watts per inch
  - Power rating: CEL series = 5 watts per inch
  - CEL series has a special flame retardant conformal coating
  - RoHS compliant / lead-free



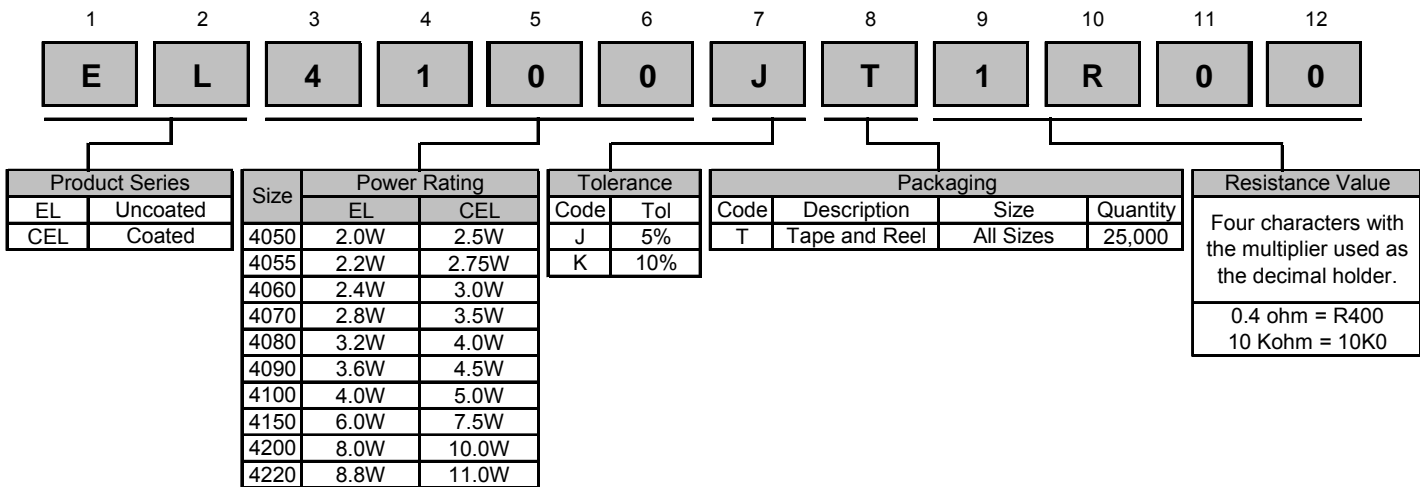
- Applications:
- Kitchen appliances
  - Automotive devices
  - Televisions and radios
  - Computers
  - Power supplies

Electrical Specifications				
Type / Code	Power Rating (Watts)	Resistance Temperature Coefficient	Ohmic Range and Tolerance	
			5%	10%
EL4050 CEL4050	2W 2.5W	$\pm 800$ ppm/ $^{\circ}$ C below 1 $\Omega$ $\pm 400$ ppm/ $^{\circ}$ C above 1 $\Omega$	0.2 $\Omega$ - 100 $\Omega$	0.2 $\Omega$ - 100 $\Omega$
EL4055 CEL4055	2.2W 2.75W	$\pm 800$ ppm/ $^{\circ}$ C below 1 $\Omega$ $\pm 400$ ppm/ $^{\circ}$ C above 1 $\Omega$	0.2 $\Omega$ - 130 $\Omega$	0.2 $\Omega$ - 130 $\Omega$
EL4060 CEL4060	2.4W 3W	$\pm 800$ ppm/ $^{\circ}$ C below 1 $\Omega$ $\pm 400$ ppm/ $^{\circ}$ C above 1 $\Omega$	0.22 $\Omega$ - 180 $\Omega$	0.22 $\Omega$ - 180 $\Omega$
EL4070 CEL4070	2.8W 3.5W	$\pm 800$ ppm/ $^{\circ}$ C below 1 $\Omega$ $\pm 400$ ppm/ $^{\circ}$ C above 1 $\Omega$	0.26 $\Omega$ - 215 $\Omega$	0.26 $\Omega$ - 215 $\Omega$
EL4080 CEL4080	3.2W 4W	$\pm 800$ ppm/ $^{\circ}$ C below 1 $\Omega$ $\pm 400$ ppm/ $^{\circ}$ C above 1 $\Omega$	0.32 $\Omega$ - 255 $\Omega$	0.32 $\Omega$ - 255 $\Omega$
EL4090 CEL4090	3.6W 4.5W	$\pm 800$ ppm/ $^{\circ}$ C below 1 $\Omega$ $\pm 400$ ppm/ $^{\circ}$ C above 1 $\Omega$	0.36 $\Omega$ - 270 $\Omega$	0.36 $\Omega$ - 270 $\Omega$
EL4100 CEL4100	4W 5W	$\pm 800$ ppm/ $^{\circ}$ C below 1 $\Omega$ $\pm 400$ ppm/ $^{\circ}$ C above 1 $\Omega$	0.4 $\Omega$ - 300 $\Omega$	0.4 $\Omega$ - 300 $\Omega$
EL4150 CEL4150	6W 7.5W	$\pm 800$ ppm/ $^{\circ}$ C below 1 $\Omega$ $\pm 400$ ppm/ $^{\circ}$ C above 1 $\Omega$	0.66 $\Omega$ - 400 $\Omega$	0.66 $\Omega$ - 400 $\Omega$
EL4200 CEL4200	8W 10W	$\pm 800$ ppm/ $^{\circ}$ C below 1 $\Omega$ $\pm 400$ ppm/ $^{\circ}$ C above 1 $\Omega$	0.9 $\Omega$ - 500 $\Omega$	0.9 $\Omega$ - 500 $\Omega$
EL4220 CEL4220	8.8W 11W	$\pm 800$ ppm/ $^{\circ}$ C below 1 $\Omega$ $\pm 400$ ppm/ $^{\circ}$ C above 1 $\Omega$	1 $\Omega$ - 600 $\Omega$	1 $\Omega$ - 600 $\Omega$



Mechanical Specifications				
Dimensions (inches)				
Type / Code	A (±0.031)	B (±0.031)	C (±0.031)	D (±0.002)
EL4050	0.5	0.562	0.14	0.036
EL4055	0.55	0.612	0.14	0.036
EL4060	0.6	0.662	0.14	0.036
EL4070	0.7	0.762	0.14	0.036
EL4080	0.8	0.862	0.14	0.036
EL4090	0.9	0.962	0.14	0.036
EL4100	1	1.062	0.14	0.036
EL4150	1.5	1.562	0.14	0.036
EL4200	2	2.062	0.14	0.036
EL4220	2.2	2.262	0.14	0.036
CEL4050	0.5	0.593	0.16	0.036
CEL4055	0.55	0.643	0.16	0.036
CEL4060	0.6	0.693	0.16	0.036
CEL4070	0.7	0.793	0.16	0.036
CEL4080	0.8	0.893	0.16	0.036
CEL4090	0.9	0.993	0.16	0.036
CEL4100	1	1.093	0.16	0.036
CEL4150	1.5	1.593	0.16	0.036
CEL4200	2	2.093	0.16	0.036
CEL4220	2.5	2.293	0.16	0.036

**How to Order**



Legacy Part Number (before January 3, 2011):

SEI Type		Code		Nominal Resistance		Tolerance		Packaging		
EL		4100		1		5%		R		
Type	Description	Code	Wattage			Tolerance		Min. Order	Description	Code
EL	Uncoated	4050	2/2.5			5%		25,000	tape and reel	R
CEL	Coated	4055	2.2/2.75			10%				
		4060	2.4/3							
		4070	2.8/3.5							
		4080	3.2/4							
		4090	3.6/4.5							
		4100	4/5							
		4150	6/7.5							
		4200	8/10							
		4220	8.8/11							