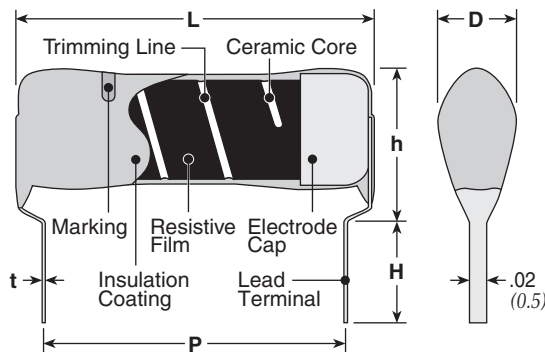




## features

- Lead frame construction
- High density assembly and excellent self-standing strength
- Marking: Blue body color with color dot marking for resistance and tolerance values
- Products with lead-free terminations meet EU RoHS requirements. EU RoHS regulation is not intended for Pb-glass contained in electrode, resistor element and glass.

## dimensions and construction



Type	Dimensions inches (mm)						
	L (max.)	D (max.)	P	H	h (max.)	t	
LF1/8	.197 (5.0)	.098 (2.5)	.100±.008 (2.54±0.2)	.236±.039 (6.0±1.0)	.200 (5.08)	.010 (0.25)	
LF1/4	.295 (7.5)		.200±.008 (5.08±0.2)	.118±.020 (3.0±0.5)	.217±.020 (5.5±0.5)	.217 (5.5)	.012 (0.3)
LF1/4L	.378 (9.6)			.300±.012 (7.62±0.3)			
LF1/2	.285 (7.25)	.100 (2.54)	.200±.012 (5.08±0.3)	.197±.039 (5.0±1.0)			
LFF1/4							
RK26B2E							

## ordering information - LF, LFF

New Part #	<b>LF</b>	<b>1/4</b>	<b>C</b>	<b>T</b>	<b>T</b>	<b>A</b>	<b>1000</b>	<b>D</b>
Product Code	LF LFF	Power Rating 1/8: 0.125W 1/4: 0.25W 1/4L: 0.25W 1/2: 0.5W	T.C.R. (ppm/°C) C: ±50 D: ±100 L: ±200	Termination Surface Material T: Sn	Taping T: Taping (1/8W, 1/4W only) Blank: Bulk	Packaging Ammo (1/8, 1/4 only)	Nominal Resistance ±2%, ±5%: 2 significant figures + 1 multiplier "R" indicates decimal on value <10Ω ±0.5%, ±1%: 3 significant figures + 1 multiplier "R" indicates decimal on value <100Ω	Resistance Tolerance D: ±0.5% F: ±1% G: ±2% J: ±5%

For 1/4L, only bulk type is available.

## ordering information - RK26

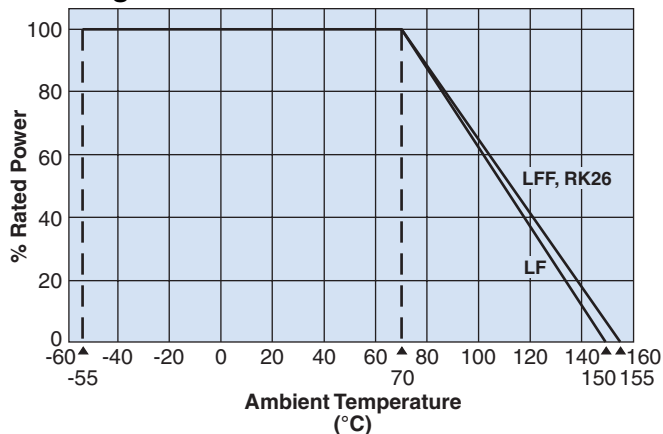
New Part #	<b>RK26</b>	<b>B</b>	<b>2E</b>	<b>T</b>	<b>T</b>	<b>A</b>	<b>1003</b>	<b>F</b>
Product Code	RK26	T.C.R. (ppm/°C) B: ±350	Power Rating 2E: 0.25W	Termination Material T: Sn	Taping T: Taping Blank: Bulk	Packaging Ammo	Nominal Resistance ±2%, ±5%: 2 significant figures + 1 multiplier "R" indicates decimal on value <10Ω ±0.5%, ±1%: 3 significant figures + 1 multiplier "R" indicates decimal on value <100Ω	Tolerance F: ±1% G: ±2% J: ±5%

## applications and ratings

Part Designation	Power Rating	T.C.R. (ppm/°C) Max.	Resistance Range (Ω)				Absolute Maximum Working Voltage	Absolute Maximum Overload Voltage	Rated Ambient Temperature	Operating Temperature Range
			D±0.5% E-96	F±1% E-24,E-96	G±2% E-24	J±5% E-24				
LF1/8	0.125W	C: ±50	45.3 - 562k	4.7 - 1M	1 - 1M	1 - 1M	200V	400V	+70°C	-55°C to +150°C
		D: ±100								
		L: ±200								
LF1/4 LF1/4L	0.25W	C: ±50	10 - 1M	10 - 1M	1 - 1M	1 - 1M	250V	500V		
		D: ±100								
		L: ±200								
LF1/2	0.5W	C: ±50	10 - 1M	10 - 1M	1 - 1M	1 - 1M	350V	700V		
		D: ±100								
		L: ±200								
LFF1/4	0.25W	C: ±50	—	10 - 100k	10 - 100k	—	250V	500V		
		D: ±100								
RK26B2E	0.25W	B: ±350	—	100K - 22M	100K - 33M	100K - 33M	500V	700V		

## environmental applications

### Derating Curve



### Performance Characteristics

Parameter	Requirement $\Delta R \pm(\% + 0.05\Omega)$	Test Method
Resistance	Within specified tolerance	25°C
T.C.R.	Within specified T.C.R.	Room temperature +100°C
Overload (Short Time)	LF, LFF: ±0.5%, RK26: ±1%	Rated voltage x 2.5 or max. overload voltage for 5 seconds, whichever is less
Resistance to Solder Heat	LF: ±0.25%, LFF: ±0.5%, RK26: ±1%	260°C ± 5°C, 10 seconds ± 1 second or 350°C ± 10°C, 3.5 seconds ± 0.5 second
Rapid Change of Temperature	LF, LFF: ±0.5% RK26: ±1%	LF: -55°C (30 minutes)/+25°C (10 minutes), +150°C (30 minutes)/+25°C (10 minutes), 5 cycles; LFF, RK26: -55°C (30 minutes)/+25°C (10 minutes), +155°C (30 minutes)/+25°C (10 minutes), 5 cycles
Moisture Resistance	LF: ±1%, LFF: ±2%, RK26: ±5%	40°C ±2°C, 90-95% RH, 1000 hours, 1.5 hr ON, 0.5 hr OFF cycle
Endurance @ 70°C	LF: ±1%, LFF: ±2%, RK26: ±5%	70°C ±3°C, 1000 hours, 1.5 hr ON, 0.5 hr OFF cycle