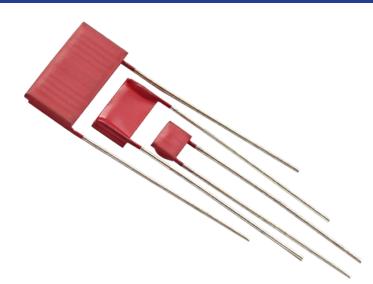


LXR Series Radial Leaded High Value Resistors



2) VCR: Typical values, all negative, not for all TCR values available.

3) Continuous operating voltage (U_, Ueff): $V \le \sqrt{(P^*R)}$ or max. working voltage (the lower value)

- · High value resistors in thick film technology
- Resistance values up to 1TΩ
- Excellent values of tolerance, TCR and VCR
- · Untrimmed for higher working voltage
- Variable lead spacing
- Climatic silicone protective coat (conformal coating)
- Non magnetic
- Sizes: 1210, 2512, 4020

		, , ,	(e3) (R)	RoHS Compliant V 2000/53/EC 2011/65/EC				
Technical Data Table 1								
Size		1210	2512	4020				
Power rating P ₇₀ (W) (P ₁₂₅ = 0W)		0.5W	1W	2W				
Working Voltage U_, Ueff (V) ³ trimmed untrimmed (Tol. > 5%)		800V	2kV	4kV				
		1.2kV	3kV	6kV				
Resistance / Tolerance % / Temperature Coefficient (TCR ¹) / VCR ² (Lower resistance tolerances, TCR & VCR on request & by agreed								
1M - 100M	± %	0.5, 1, 2, 5, 10	0.5, 1, 2, 5, 10	0.25, 0.5, 1, 2, 5, 10				
	ppm/°C	25, 50, 100	25, 50, 100	25, 50, 100				
	ppm/V	50	10	5				
>100M - 500M	± %	2, 5, 10, 20	1, 2, 5, 10, 20	0.5, 1, 2, 5, 10, 20				
	ppm/°C	50, 100, 250	25, 50, 100	25, 50, 100				
	ppm/V	100	25	10				
± %		5, 10, 20	1, 2, 5, 10, 20	1, 2, 5, 10, 20				
500M - 1G ppm/°C		100, 250	100, 250	25, 50, 100				
ppm/V		100	25	10				
>1G - 10G	± %	5, 10, 20, 30	2, 5, 10, 20	2, 5, 10, 20				
	ppm/°C	250, 500	100, 250	50, 100				
	ppm/V	250	100	25				
>10G - 100G	± %	5, 10, 20, 30	5, 10, 20, 30	5, 10, 20, 30				
	ppm/°C	500, 1000	250, 500	100, 250				
	ppm/V	500	250	100				
± %		-	10, 20, 30, 50	5, 10, 20, 30				
>100G - 1T ppm/° C			1000	500				
ppm/V			500	250				

Technical Data - General								
Operating temperature range	-55°C to +150°C							
Climatic category acc. to IEC 60068-1	55, 150, 56							
Humidity - / Contact protection	Silicone conformal coating ⁴							
Long term stability	≤1G	≤ 10G	> 10G					
Storage 125°C/1000h	< 1%	< 2%	< 5%					
Maximum voltage/1000h	< 0.5%	< 1%	< 2%					

1) Temperature coefficient TCR: in ppm/K +25°C to +125°C; TCR lower than standard TCR (highest value) >100G +25°C to +85°C.

Specifications are subject to change without notice. E&OE



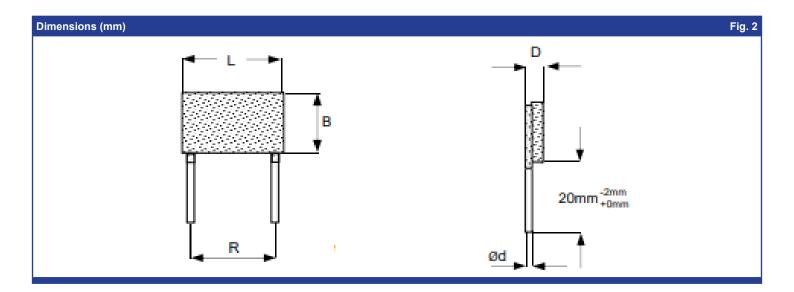
⁴ The silicone coating is resistant to most solvents. For cleaning the use of ispropyl alcohol (IPA) is recommended. The use of acetone and methylene chloride is **not** allowed. Mechanical stress to coating should be avoided and high pressure cleaning should not be used. Some cleaning agents can cause discolourations or bleaching to the surface without any influence on the resistor element. The thickness of the coating is not specific. Other data according to EN 140401-802 (CECC 40401-802).



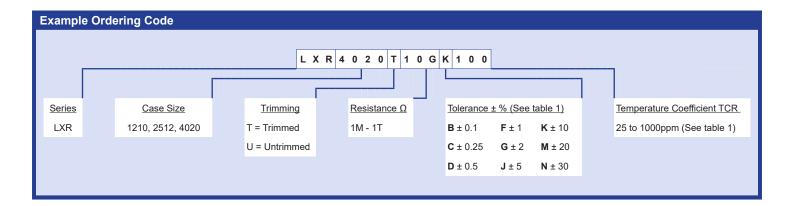
Tolerance of dimensions ±0.5mm.

LXR Series Radial Leaded High Value Resistors

Dimensions (mm)							
Size	L (Length)	B (Width)	D (Thickness)	R (Std. lead spacing*)	d (Std. wire Ø▼)		
1210	20.0	5.0	17.0	17.0	17.0		
2512	25.0	9.0	22.9	22.9	22.9		
4020	30.0	6.0	27.5	27.5	27.5		
* Other spacing possible by bending.							
▼Other diameters possible.							







NB: Standard TCR will be the highest value in the table unless otherwise requested. Measuring voltage will be 10V. Other voltages are available - specific requirements must be requested.