

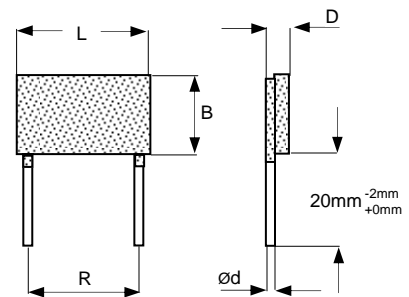
Type: GST
High Value Resistors-Radial Leaded
Size: 1210, 25, 2512, 4020

Features:

- High Value Resistors in Thickfilm
- Variable lead spacing
- Resistance values up to 1 Teraohm
- Excellent values of tolerance, TCR and VCR
- Untrimmed for higher Working Voltage

Dimensions:

Size	L	B	D	R	d
1210	3.2	2.5	0.9	2.0	0.40 ±0.05
25	3.8	5.0	1.0	2.5	0.40 ±0.05
2512	6.3	3.5	1.0	5.5	0.40 ±0.05
4020	10.2	5.1	1.0	9.5	0.40 ±0.05



L = Length, B = Width, D = Thickness, d = Wire diameter (in mm),
 R = Standard lead spacing (other spacing possible by bending)
 Tolerance of dimensions: ±0.2 mm

Packaging:

Bulk in plastic bags or cardboard-boxes
 Minimum quantity: 100 pieces per value

Ordering Data:

Type – Value/TCR – Tolerance/Pack (Measuring Voltage)
 Example: GST4020-10GD-KB (20VDC)

If no data for TCR and measuring voltage are supplied, the standard value (highest value in the table on next page) and measuring voltage of 10V up to 100G and 100V for 100G and higher is used.

Technical data – depending on size:

Size	1210	25	2512	4020
Power Rating P_{70} (W) ($P_{125} = 0W$)	0.5	0.7	1.0	2.0
Working Voltage U_{-} , U_{eff} (V) trimmed untrimmed (Tol. $\geq 5\%$)	300 1000	300 500	1200 2500	4000 6000

Ranges/Tolerances/TCR/VCR ¹⁾				
1M – 100M	1/2/5/10% TC 50/100 <50 ppm/V	2/5/10% TC 50/100 <50 ppm/V	0.5/.../10% TC 50/100 <10 ppm/V	0.25/.../10% TC 25/50/100 <5 ppm/V
>100M – 500M	2/5/10/20% TC 100/250 <100 ppm/V	5/10/20% TC 100/250 <100 ppm/V	1/2/5/10/20% TC 50/100 <25 ppm/V	0.5/1/2/5/10/20% TC 25/50/100 <10 ppm/V
>100M – 1G	5/10/20% TC 100/250 <100 ppm/V	5/10/20% TC 100/250 <100 ppm/V	2/5/10/20% TC 100/250 <25 ppm/V	1/2/5/10/20% TC 25/50/100 <10 ppm/V
>1G – 10G	5/10/20/30% TC 250/500 <500 ppm/V	10/20/30% TC 250/500 <500 ppm/V	2/5/10/20% TC 100/250 <100 ppm/V	2/5/10/20% TC 50/100 <25 ppm/V
>10G – 100G	10/20/30% TC 500/1000 <1000 ppm/V	10/20/30% TC 500/1000 <1000 ppm/V	5/10/20/30% TC 250/500 <250 ppm/V	5/10/20/30% TC 100/250 <100 ppm/V
>100G – 1T	–	–	10/20/30/50 TC 500/1000 <500 ppm/V	5/10/20/30% TC 250/500 <250 ppm/V

¹⁾ TC25/50: Temperature range +25°C...+85°C

Closer values of tolerances, TCR and VCR or other dimensions on request and agreement.

Technical data – general:

Temperature range	-55°C ... +125°C
Climatic category acc. to IEC 60068	55/125/56

Long term stability	≤1G	≤10G	>10G
Storage 125°C/1000h	<1%	<2%	<5%
Max voltage/1000h	<0.5%	<1%	<2%

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