

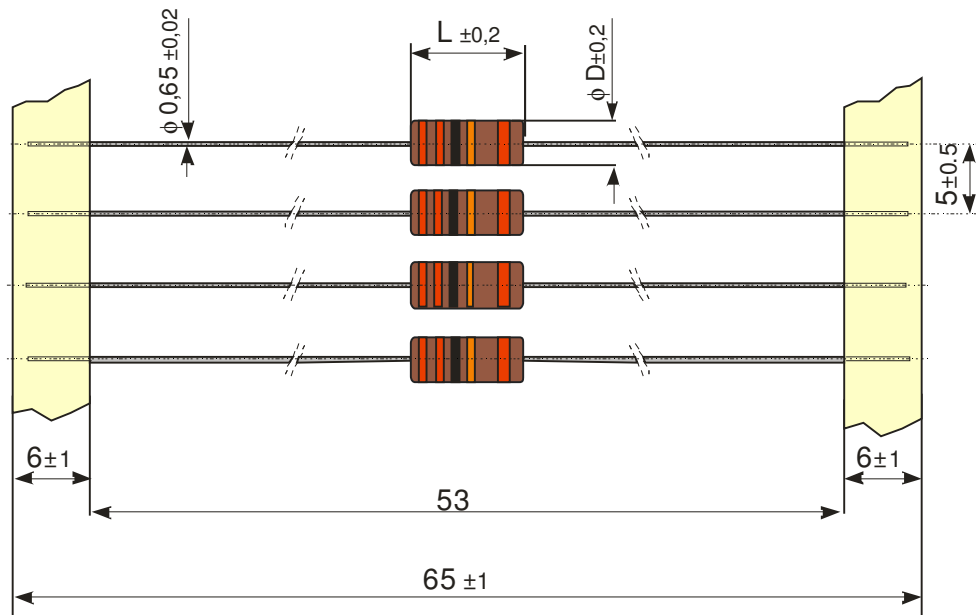


## Metalglaze film resistors, axial, hi-temp.-solder contacts moulded Uninflammable acc. to IEC 695-2-2

### Specifications

		RG515-0	RG520-0
Type		0207	0309
Style			
Nominal Power rating $P_{70}$	W	0,5 ( $P_{max} = 0,7$ )	0,7 ( $P_{max} = 0,9$ )
Resistance range	$\Omega$	see next page	
E-series		see next page	
Tolerances	%	see next page	
Temperature coefficient	$10^{-6} \cdot K^{-1}$	see next page	
Max. cont. working voltage	$V_{RMS}$	350	
Voltage coefficient	$10^{-6} V^{-1}$	<30	
Insulation voltage (1min.)	$V_{RMS}$	1000	
Insulation resistance	$M\Omega$	> $10^4$	
Derating	$^{\circ}C$	linear 70 ... 155 (0W)	
Climatic category		55 / 155 / 56	
Temperature range	$^{\circ}C$	- 65 ... 175	
Thermal resistance	$KW^{-1}$	125	100
Failure rate (Total $\vartheta_0$ max, 60% conf. lev.)	$10^{-9} h^{-1}$	<1	
Endurance ( $P_{70}$ , @ 70 $^{\circ}C$ , 1000h intem.)	$[\Delta R/R] \%$	$\pm 0,5$	
Damp heat, steady state (40 $^{\circ}C$ , 93% r.h., 56d)	$[\Delta R/R] \%$	$\pm 1,0$	
Climatic sequence	$[\Delta R/R] \%$	$\pm 1,0$	
Terminal Strength	$[\Delta R/R] \%$	$\pm 0,2$	
Terminal tensile Strength	N	40	
Resistance to soldering heat (260 $^{\circ}C$ , 10s.)	$[\Delta R/R] \%$	$\pm 0,1$	
Solderability	S	2,5 Flowtime, solderglobule test, IEC 60068-2-20-T	
Current noise (DIN/IEC 195)	dB	R < 1K0: -20 R > 1K0 $\pm 20$ /decade	
Nonlinearity (DIN/IEC 440)	dB	110 -20 /decade	
Marking		Colour code, 5 resp. 6 bands (6th. Band for TC) < 1R0 4 bands	

Dimensions in mm:



Type	L	ø D
RG515-0	6,4	2,3
RG520-0	8,0	3,2

Resistance range	E-series	Tolerance	Temperature coefficient $10^{-6} K^{-1}$
0R3 ... 3M3	E 24	$\pm 2\%$	100 (T0) *
0R3 ... 9R1	E 24	$\pm 1\%$	100 (T0) *
10R ... 3M32	E 96	$\pm 1\%$	50 (T2)
10R ... 1M	E 96	$\pm 0,5\%$	50 (T2)

\* R <1R TC200

Packaging:

Type	Packaging	Packing style	Pieces
RG515-0	Taped/Ammopack	T	1000
	Taped/reel	R	5000
RG520-0	Taped/Ammopack	T	1000

Ordering example: RG515-0      1      T      1K  
 Type      Tolerance      Pack.-Code      R- value