

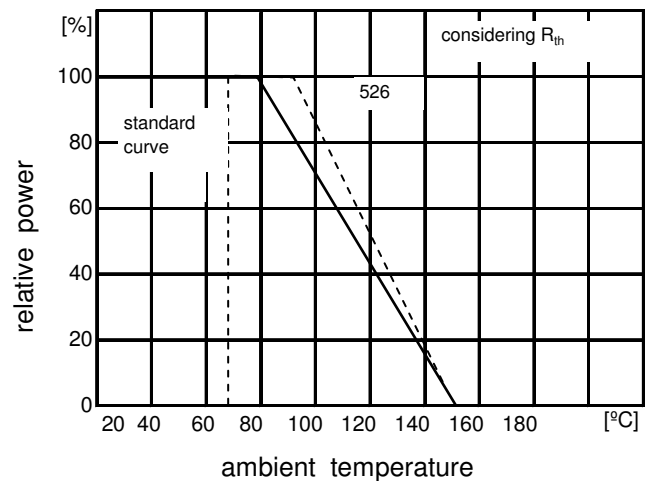
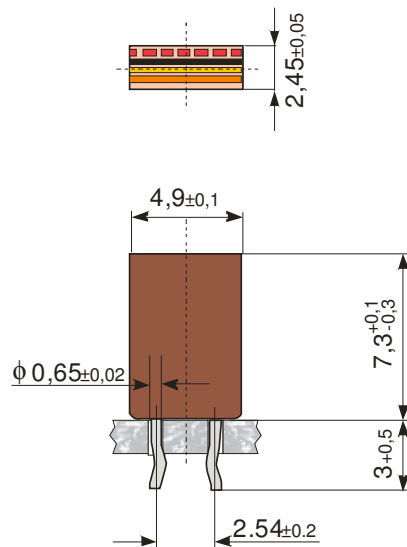


Metalglaze film resistors, moulded, vertical Unflammable acc. to IEC 695-2-2

Specifications

Type		RGU526-0
Style		04
Nominal Power rating P_{70}	W	0,5
Resistance range	Ω	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	$M\Omega$	$>10^4$ Except top surface
Derating linear	$^{\circ}C$	see next page
Climatic category		55 / 155 / 56
Temperature range	$^{\circ}C$	- 55 ... 175
Thermal resistance	KW^{-1}	90
Failure rate (Total ϑ_0 max, 60% conf. lev.)	$10^{-9} \cdot h^{-1}$	<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	$R < 1K: -20 \quad R > 1K \pm 20/\text{decade}$
Nonlinearity (DIN/IEC 440)	dB	110 -20/decade
Marking		DIN-IEC-Colour code; 4 resp. 5 colors

Dimensions in mm:



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

* R <1R TC200

Packaging:

Type	Packaging	Pack. Code	Pieces
RGU526-0	bulk	B	1000

Ordering example: RGU526-0 1 B 1K
 Type Tolerance Pack.- code R-Value

Revision 200907