

High Voltage / High Ohmic Resistors

Metalglaze Film Technology (Replace old Serie GH)

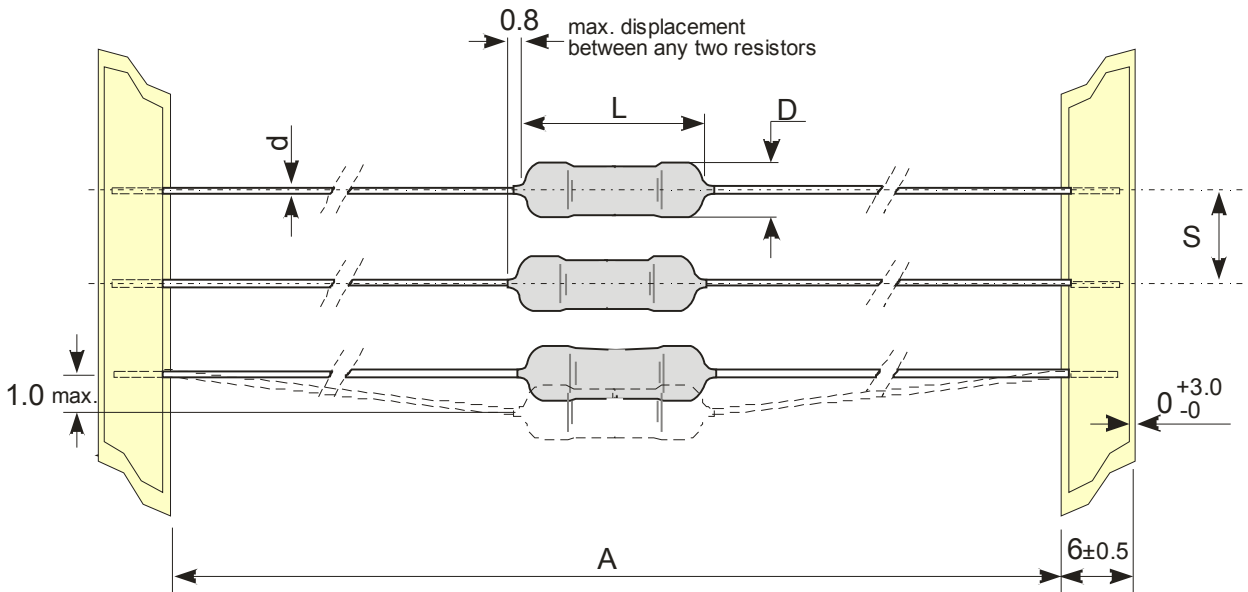


Specifications

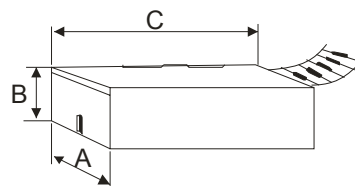
Type		GF0207	GF0410	GF0512	GF0616
Style		0207	0410	0512	0616
Nominal Power rating P_{70}	W	0,25	0,5	1,0	3,0
Resistance range	Ω	68K ... 68M Higher values on request			
Tolerance		5% (J) ; 1% (F)			
E-series		E24 ; E24+E96			
Temperature coefficient	ppm K^{-1}	± 200			
Max. Working voltage	V_{DC}	1600	3500	5000	7000
Max. Overload voltage	V_{DC}	3000	7000	10000	14000
Insulation voltage (1min.)	V_{DC}	300	500	600	600
Derating linear	$^{\circ}C$	70 ... 155 (0W)			
Climatic category		55 / 155 / 56d			
Temperature range	$^{\circ}C$	-55...155			
Terminal Strength (10 s)	N	25			
Max. cont. surface temperature	$^{\circ}C$	155			
S.T.O.L.	$[\Delta R/R] \%$	$\pm 2 +0,05\Omega$			
Damp heat, steady state (40 $^{\circ}C$, 95% r.h., 56d)	$[\Delta R/R] \%$	$\pm 5 +0,05\Omega$			
Temperature change	$[\Delta R/R] \%$	$\pm 1 +0,05\Omega$			
Endurance (P_{70} , 1000h)	$[\Delta R/R] \%$	$\pm 5 +0,05\Omega$			
Resistance to soldering heat (350 $^{\circ}C$, 3s, 2 ~2,5 mm)	$[\Delta R/R] \%$	$\pm 1 +0,05\Omega$			
Marking		DIN-IEC-Colour code, 4 bands or 5 bands			

Revision 201402

Dimensions in mm:



Type	A	L	∅ D	∅ d	S
GF0207	52.4 ±1.5	6.3 ±0.5	2.4 ±0.2	0.55 ±0.05	5.0
GF0410	52.4 ±1.5	9.0 ±0.5	3.3 ±0.3	0.55 ±0.05	
GF0512	52.4 ±1.5	11.5 ±1.0	4.5 ±0.5	0.80 ±0.05	
GF0616	73.0 ±1.5	15.5 ±1.0	5.0 ±0.5	0.80 ±0.05	10.0



Packaging:

Type	Ammopack – Standard lead length			Quantity (pcs)	Pack-Code
	W (A)	H (B)	L (C)		
GF0207	81	104	260	5000	T
GF0410	73	45	258	1000	T
GF0512	103	78	260	1000	T
GF0616	103	94	260	1000	T

Ordering example: GF0207 5 T 68K
 Type Tolerance Pack.-Code R- value