RoHS

COMPLIANT

<u>GREEN</u> (5-2008)**



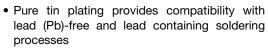
Vishay Draloric

Axial Vitreous Wirewound Resistors



FEATURES

- Complete welded construction
- Vitreous coating
- Enhanced humidity protection
- TCR 100 ppm/K to 180 ppm/K





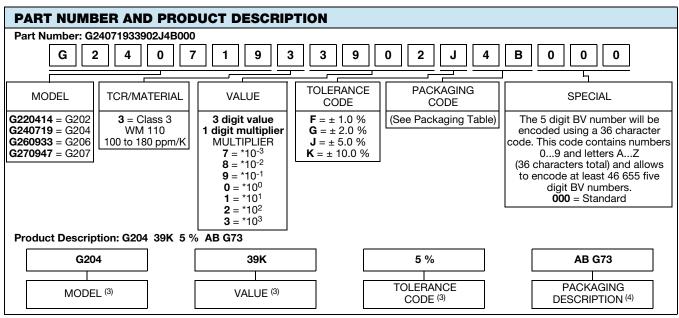
Note

** Please see document "Vishay Material Category Policy": www.vishay.com/doc?99902

STANDARD ELECTRICAL SPECIFICATIONS						
GLOBAL MODEL	POWER RATING P _{40 °C} W	LIMITING VOLTAGE V	RESISTANCE RANGE ⁽¹⁾ Ω TCR = 100 ppm/K to 180 ppm/K	TOLERANCE (2) ± %		
G202	4	200	0.10 to 10K	10, 5		
G202	4	200	0.36 to 10K	2		
G204	7	350	0.10 to 39K	10, 5, 2		
G206	13	500	0.15 to 68K	10, 5, 2		
G207	17	650	0.20 to 120K	10, 5, 2		

Notes

- (1) Resistance value to be selected for \pm 10 % tolerance from E12 and for \pm 5 % from E24
- (2) 1 % on request



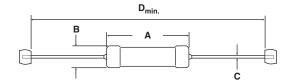
Notes

- (3) See "Part Number" above
- (4) See "Packaging Table"

Vishay Draloric

PACKAGING TABLE										
	TAPE/LEAD LENGTH (mm)	AMMO PACK			REEL			LOOSE		
MODEL		PCS	PACKAGING CODE	PACKAGING DESCRIPTION	PCS	PACKAGING CODE	PACKAGING DESCRIPTION	PCS	PACKAGING CODE	PACKAGING DESCRIPTION
G202	53	500	2C	AC G53	1000	D1	R1 G53			
G202	73	500	4C	AC G73	1000	F1	R1 G73			
	73	250	4B	AB G73	500	FC	RC G73			
G204 88	00	250	7B	AB G88	500	IC	RC G88			
	250	8B	AB G88 CL	300	10	NC G66				
98							50	LD	LD	
	90						200	LJ	LJ	
G206	107	100 LA LA								
G207	120	100 LA LA								

DIMENSIONS



For packaging dimensions see separate packaging dimensions page.

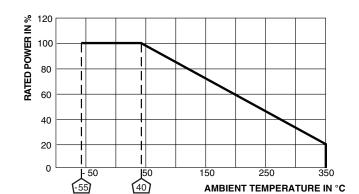
		DIMENSIONS in millimeters [inches]						
MODEL	A _{max} .	B _{max.} ⁽¹⁾	C (2)	D _{min.}	MASS (g)			
G 202	13 [0.512]	5.7 [0.224]	0.8 [0.031]	53 ± 1 [2.087 ± 0.039]	1			
G 204	19.3 [0.760]	8.5 [0.335]	0.8 [0.031]	73 ± 1 [2.874 ± 0.039]	2.2			
G 206	32.3 [1.272]	9.8 [0.386]	0.8 [0.031]	107 ± 2 [4.213 ± 0.079]	6.5			
G 207	49.3 [1.941]	10.5 [0.413]	0.8 [0.031]	120 ± 2 [4.724 ± 0.079]	10			

Notes

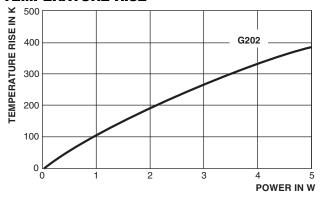
 $^{^{(1)}\,}$ The body diameter should be increased by 1 mm [0.039"] for ohmic values \leq 10 Ω

⁽²⁾ C according to IEC 60301

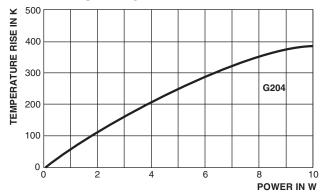
DERATING



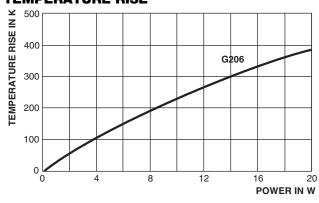
TEMPERATURE RISE



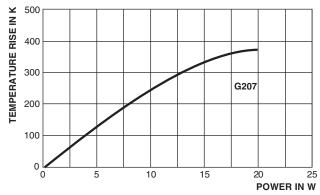
TEMPERATURE RISE



TEMPERATURE RISE



TEMPERATURE RISE



PERFORMANCE				
TEST	TEST RESULTS			
Damp Heat, Steady State (40 ± 2) °C, 56 Days, (93 ± 3) % RH	± 5 % ΔR			
Climatic Sequence IEC 60115-1 4.23	± 5 % ΔR			
Load Life <i>P</i> ₄₀ , 40 °C, 1000 h	± 5 % ΔR			
Short Time Overload 5 x Rated Power x 5 s	± 1 % ΔR			
Vibration 6 h, 10 Hz to 2000 Hz, 1.5 mm or 196 m/s ²	± 1 % ΔR			
Shock IEC 60068-2-27	± 1 % ΔR			
Resistance to Soldering Heat (260 ± 5) °C, (10 ± 1) s	± 1 % ΔR			





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