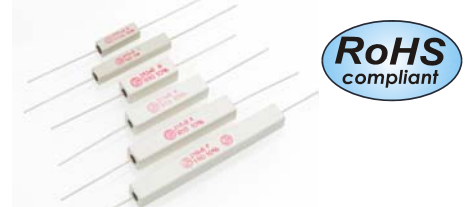


Power Wirewound Resistors
Axial, Fiber glass core
Ceramic case

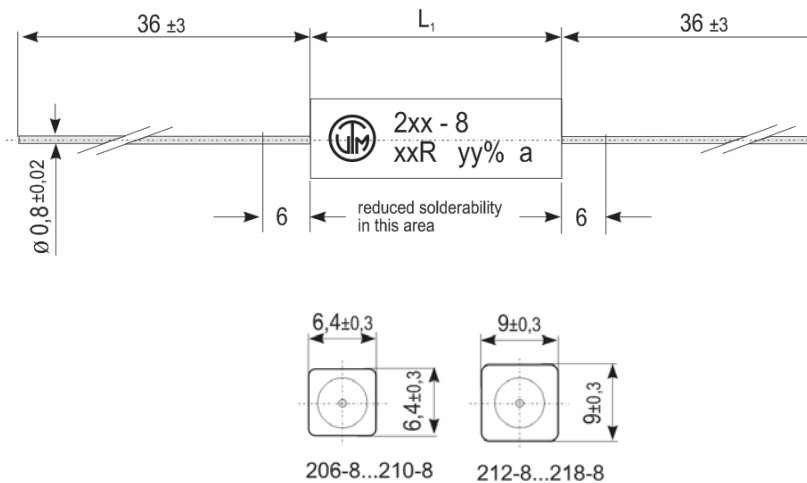
**ELECTRICAL SPECIFICATIONS**

Type		206-8	208-8	210-8	212-8	214-8	216-8	218-8
Nominal Power rating P_{70}	[W]	4	5	7	7	9	11	17
Resistance range	[Ω]	*Please check the table below						
	Min							
	Max	9K1	15K	33K	15K	33K	47K	82K
E-Series		E24 (5[%]), E12 (10[%])						
Tolerances	± [%]	5, 10						
Temperature coefficient	[10 ⁻⁶ *K ⁻¹]	*Depends on the value, please check the table below						
Temperature range	[°C]	-55 ... +350						
Thermal resistance	[KW ⁻¹]	70	56	40	40	31	25	16
Dielectric withstanding voltage IEC115-1 clause 4.7 (1[min])	[V]	2000						
Insulation resistance IEC115-1 clause 4.6	[MΩ]	>10 ⁴						
Max. working voltage	[V] _{RMS}	$\sqrt{P_{70} \cdot R}$						

PERFORMANCE DATA

Derating linear	[°C]	70...350 (0W)
Climatic category		55/200/21
Failure Rate (Total, θ_j , max, 60% cont. lev.)	[10 ⁻⁹ h ⁻¹]	appr. 100 depends on value
Endurance IEC60115-1 clause 4.25 (P_{70} , @ 70[°C], 1000[h])	± [%]	3,0
Damp heat, steady state IEC115-1 clause 4.24 (40[°C], 93[% r.h.], 56[d])	± [%]	2,0
Climatic sequence IEC115-1 clause 4.23	± [%]	2,0
Terminal strength	± [%]	1,0
Terminal Tensile Strength	[N]	50
Resistance to soldering heat IEC115-1 clause 4.18 (260 ^{±5} [°C], 3,5 ^{±1} [s])	± [%]	± 0,2
Solderability IEC 60068-2-20 (245 ^{±5} [°C], 3 ^{±0,5} [s])		Solder bath method (Min. 95% coverage)
Marking IEC60062		Printed in clear

DIMENSIONS [mm]



Type	L_1
206-8	20 ^{±1,0}
208-8	25 ^{±1,0}
210-8	38 ^{±1,0}
212-8	25 ^{±1,0}
214-8	38 ^{±1,0}
216-8	50 ^{±1,5}
218-8	75 ^{±2,0}

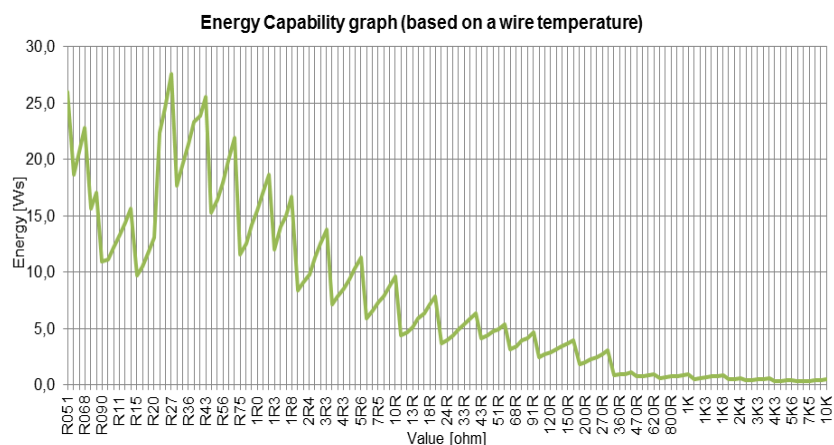
ELECTRICAL CHARACTERISTIC

Resistance range [minimum]		
Type	±10 [%]	±5 [%]
KH206	0R056	0R1
KH208	0R075	0R15
KH210	0R11	0R33
KH212	0R075	0R15
KH214	0R11	0R33
KH216	0R15	0R51
KH218	0R27	0R91

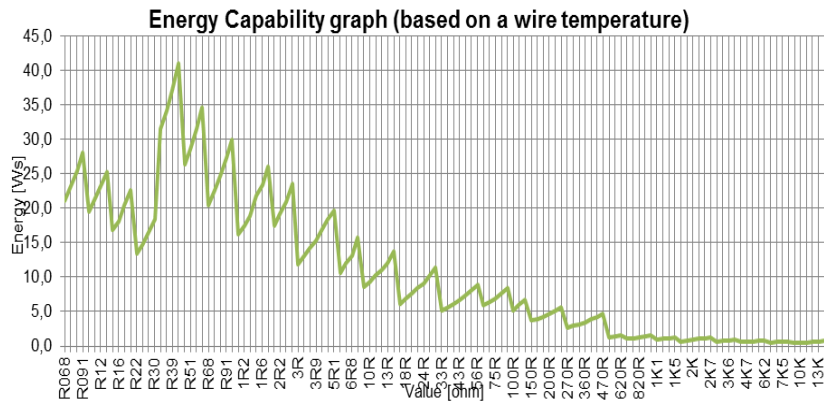
Temperature coefficient [ppm K ⁻¹]			
Type	TC +400 ^{±50}	TC 0 ^{±40}	TC 0 ^{±10}
KH206	0R056...0R2	0R22...300R	330R...9K1
KH208	0R075...0R3	0R33...470R	510R...15K
KH210	0R11...0R68	0R75...910R	1K...33K
KH212	0R075...0R3	0R33...470R	510R...15K
KH214	0R11...0R68	0R75...910R	1K...33K
KH216	0R15...1R	1R1...1K3	1K5...47K
KH218	0R27...1R6	1R8...2K4	2K7...82K

ELECTRICAL PERFORMANCE

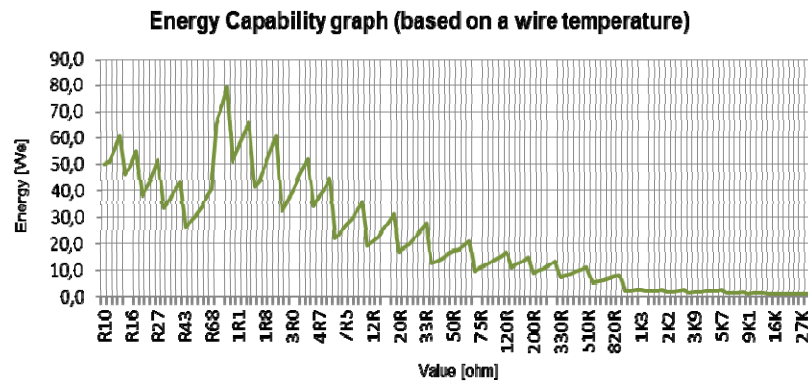
KH206-8



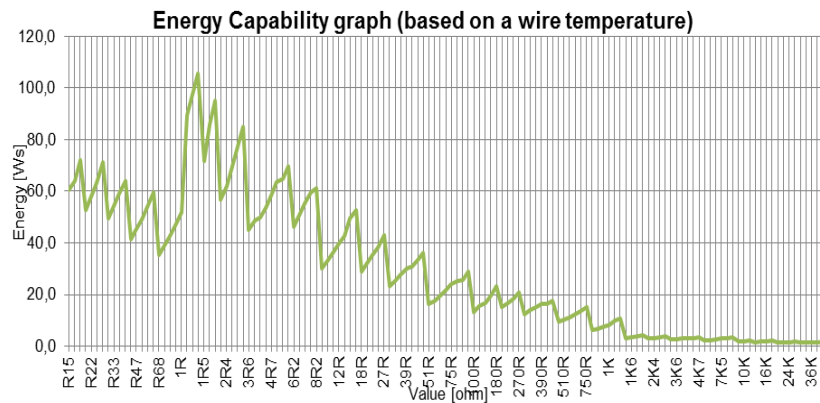
KH208-8 and KH212-8



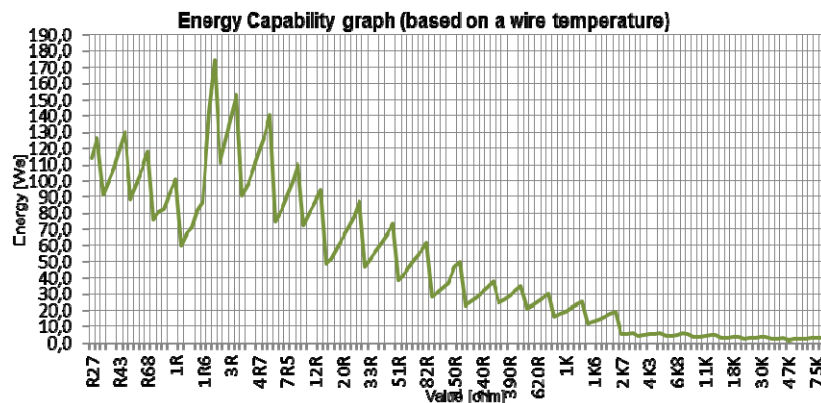
KH210-8 and KH214-8



KH216-8



KH218-8



PACKAGING

The standard packaging for KH in axial type is bulk, dimensions below.



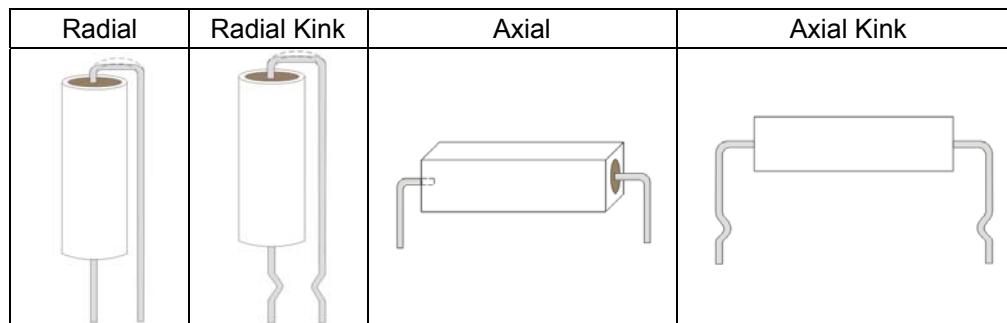
Type	Packaging	Pieces	Pack. Code
KH206-8	Bulk	200	B
KH208-8		200	
KH210-8		200	
KH212-8		200	
KH214-8		200	
KH216-8		100	
KH218-8		100	

Type	Packaging	Pieces	Pack. Code	C	S
KH206-8	Taped in Reel	1000	R	95	10
KH208-8		1000		95	10
KH210-8		1000		95	10
KH212-8		500		95	10
KH214-8		500		95	10

ALTERNATIVE LEAD CONFIGURATIONS

This type KH, is also available in a different pre-forming, as shown below, other's upon request.

THROUGH HOLE VERSION



*For horizontal and vertical pre-forming please consult your local sales contact.

ORDERING EXAMPLE

KH206-8	10	B	100R
Type	Tolerance	Pack-Code	R-Value