104 213

Types 206-8/0, 208-8/0, 210-8/0, 212-8/0 214-8/0, 216-8/0, 218-8/0

Series KH

~~104 213~~ ↓ ↓ 321

Power Wirewound Resistors axial, glass fibre core, ceramic case

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Technical specifications

Types	Power rating [W] $\vartheta_a = 70°C$	Resistance range Min 10%	Min 5%	Max	Dimensions L_1 [mm]
206-8/0	4	R056	R10	9K1	20 ± 1,0
208-8/0	5	R075	R15	15K	25 ± 1,0
210-8/0	7	R11	R33	33K	38 ± 1,0
212-8/0	7	R075	R15	15K	25 ± 1,0
214-8/0	9	R11	R33	33K	38 ± 1,0
216-8/0	11	R15	R51	47K	50 ± 1,5
218-8/0	17	R27	R91	82K	75 ± 2,0

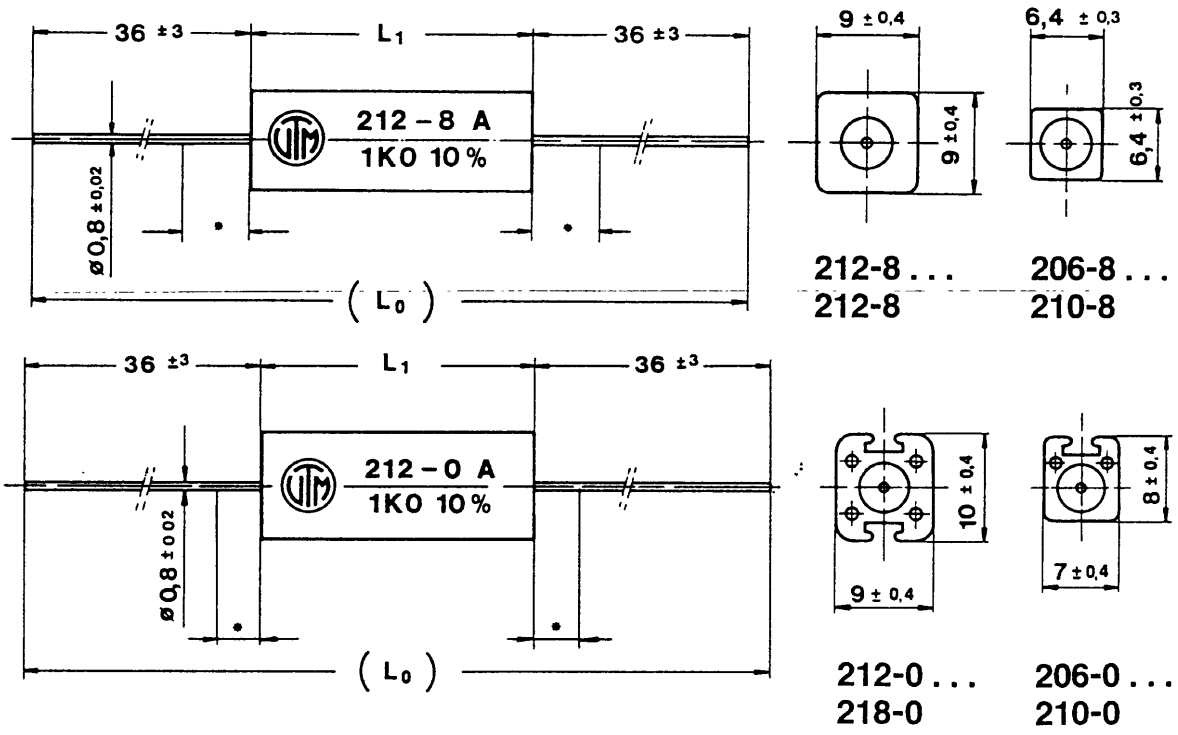
applic. E-series		E 24 (5%), E12 (10%)
Tolerances	%	± 5, ± 10
Temperature coefficient	$10^{-6}K^{-1}$	−80...+500, see also page 14
Max. cont. work. voltage	V_{RMS}	$\sqrt{P_{70} \cdot R}$ for all styles
Thermal resistance	KW^{-1}	260°C/P_{70} max
Insulation voltage	V_{RMS}	2000
Insulation resistance	Ω	> 10^4M
Climatic category	—	55 / 200 / 56
Temperature range	°C	−55 . . . 250
Derating	—	linear from 70°C to 250°C (OW)
Failure rate (total failure, ϑ_s max., 60% conf. lev.)	$10^{-9}h^{-1}$	appr. 100, depends on value
Load life (P_{70}, 70°C, 1000 hrs)	%	± 3,0 average
Damp heat, steady state (40°C, 93% r.h., 56 d)	%	± 2,0
Climatic sequence (IEC 115 - 1/23)	%	± 2,0
Terminal strength	%	± 1,0
Terminal tensile strength	N	50
Resistance to sold. heat (260°C, 10 s, 3 mm)	%	± 0,2 typ.
Solderability	s	2,5, Flowtime, Solderglobule test, IEC-68-2-20T
Standards		Approved to CECC 40202-005 (version -8) DIN 45921-2/CECC 40202-001 applicable

Ordering-number e.g. 206-8, 7K5, 5%, V0

Packaging-units: see next page

Dimensions:

prefered Version

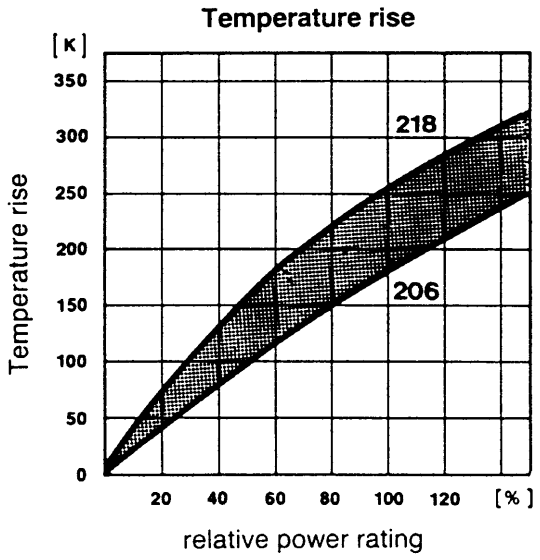


see page 83 for ceramic profile dimensions for 2xx-0

* 6 mm, reduced solderability in this area

Marking: Printed in clear

Temperature rise:
(hot-spot)



Packaging-units:

bulk	206...212-8	200 pcs	214...218-8	100 pcs	(V0)
taped, reel	206...210-8	1.000 pcs	212...214-8	500 pcs	(V5)

taping only for version 2XX-8

bulk 206...210-0 : 150 pcs; 212-0 : 200 pcs; 214...218-0 : 100 pcs (V0)