

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

Series KH

Power Wirewound Resistors
axial, glass fibre core, ceramic case

Technical specifications

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

applic. E-series

Tolerances

Temperature coefficient

Max. cont. work. voltage

Thermal resistance

Insulation voltage

Insulation resistance

Climatic category

Temperature range

Derating

Failure rate (total failure,
 ϑ_s max., 60% conf. lev.)

Load life

(P_{70} , 70°C , 1000 hrs)

Damp heat, steady state
(40°C , 93% r.h., 56 d)

Climatic sequence
(IEC 115 - 1/23)

Terminal strength

Terminal tensile strength

Resistance to sold. heat
(260°C , 10 s, 3 mm)

Solderability

Standards

%

10^{-6}K^{-1}

V_{RMS}

KW^{-1}

V_{RMS}

Ω

—

$^\circ\text{C}$

—

10^{-9}h^{-1}

%

%

%

%

%

%

%

N

%

s

E 24 (5%), E12 (10%)

$\pm 5, \pm 10$

$-80 \dots +500$, see also page 14

$\sqrt{P_{70} \cdot R}$ for all styles

$260^\circ\text{C}/P_{70}$ max

2000

$> 10^4\text{M}$

55 / 200 / 56

$-55 \dots 250$

linear from 70°C to 250°C (OW)

appr. 100, depends on value

$\pm 3,0$ average

$\pm 2,0$

$\pm 2,0$

$\pm 1,0$

50

$\pm 0,2$ typ.

2,5, Flowtime,

Solderglobule test, IEC-68-2-20T

Approved to CECC 40202-005 (version -8)

DIN 45921-2/CECC 40202-001 applicable

Ordering-number

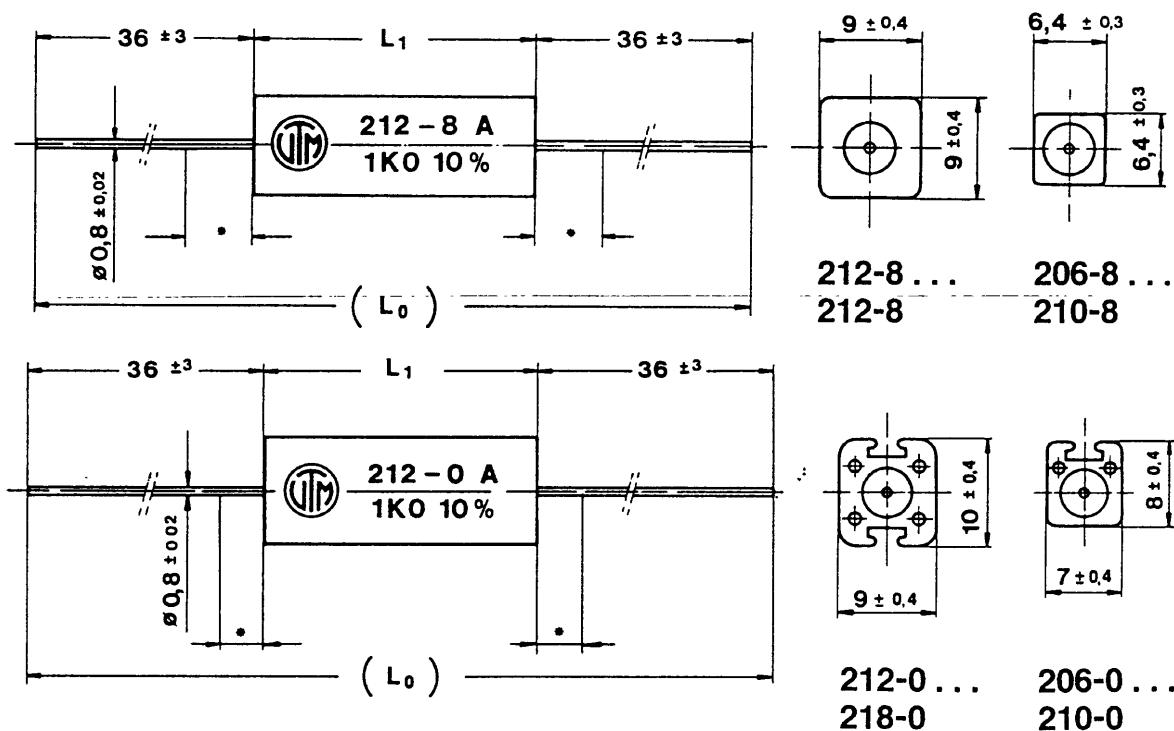
e.g. 206-8, 7K5, 5%, V0

Packaging-units:

see next page

Dimensions:

preferred Version



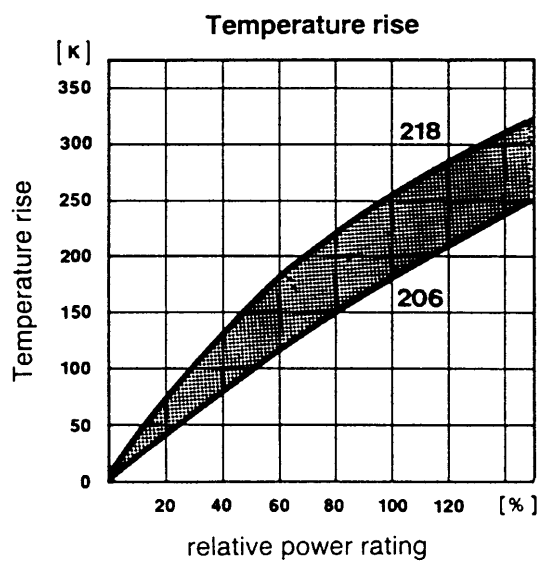
see page 83 for ceramic profile dimensions for 2xx-0

* 6 mm, reduced solderability in this area

Marking:

Temperature rise:
(hot-spot)

Printed in clear



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)				