

Power Wirewound Resistors
Radial, ceramic core
Vitreous enamel coating



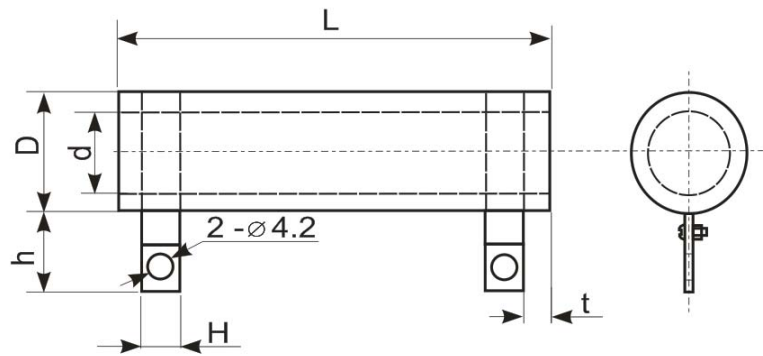
ELECTRICAL SPECIFICATIONS

Type		RXG3-70	RXG3-130
Nominal Power rating P_{40}	[W]	70	130
Resistance range	Min		5R1
	Max		15K
E-Series			E24
Tolerances	± [%]		5, 10
Temperature range	[°C]		-55 ... +450
Dielectric withstanding voltage <i>IEC115-1 clause 4.7 (1[<i>min</i>])</i>	[V] _{RMS}		1000
Max. working voltage	[V] _{RMS}	1000	1600

PERFORMANCE DATA

Derating linear	[°C]	70...450 (0W)
Endurance <i>IEC60115-1 clause 4.25</i> (P_{70} , @ 70[°C], 1000[h])	± [%]	5,0
Damp heat, steady state <i>IEC115-1 clause 4.24</i> (40[°C], 93[% r.h.], 56[d])	± [%]	2,0
Flame retardant (100 – 600[%] rated power load)		No evidence of flaming or arcing
Short Time Overload <i>IEC60115-1 clause 4.13</i> ($U=1000\% \cdot P_{40}$, 5 [s])	± [%]	2
Temperature shock <i>IEC115-1 clause 4.19</i>	± [%]	2
Vibration <i>IEC60115-1 clause 4.22</i> (1,5[mm] 10~55[Hz/1minute], X, Y, Z 2[h/each])	± [%]	No damage
Terminal Tensile Strength	[N]	50
Resistance to soldering heat <i>IEC115-1 clause 4.18</i> (350 ^{±5} [°C], 2[h])	± [%]	2
Solderability <i>IEC 60068-2-20</i> (270 ^{±10} [°C], 5 ^{±0.5} [s])		Solder bath method (Min. 75% coverage)
Marking <i>IEC60062</i>		Printed in clear

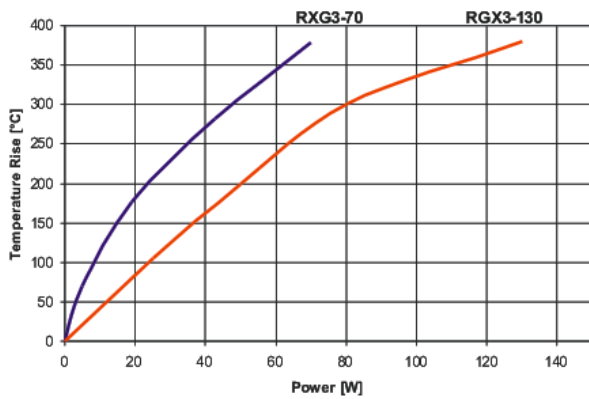
DIMENSIONS [mm]



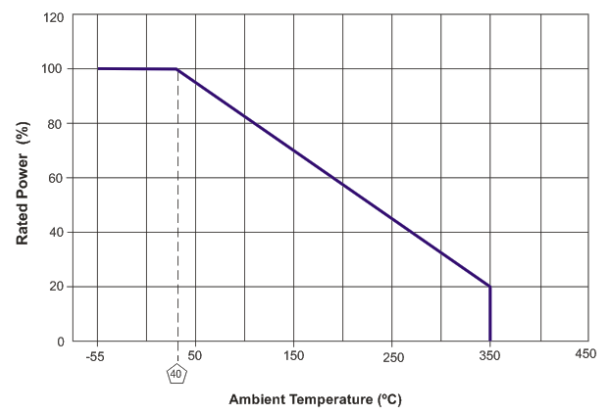
Type	$L^{\pm 1.6}$	$\varnothing D_{max}$	$\varnothing d^{\pm 0.5}$	H_{max}	h_{max}	$S^{\pm 0.03}$	$t^{\pm 0.5}$
RXG3-70	76.2	25	13	8	16	0,8	7
RXG3-130	101.6	33,3	18.5	8	16	0,8	7

ELECTRICAL CHARACTERISTICS

Temperature Rise Curve



Derating Curve



ORDERING EXAMPLE

RXG3-70	10	B	2K2
Type	Tolerance	Pack-Code	R-Value