



Power Wirewound Resistors, Flameproof, coated, axial

Specifications

Type		RX0207W5	RX04101W	RX04102W	RX05151W	RX05122W	RX05123W	RX06133W	RX05163W	RX07163W	RX06163W5	RX07164W	RX09265W	RX08205W5	RX10266W	RX10348W	RX103410W	RX104010W	RX104012W	RX104812W
Nominal Power rating P_{70} P_{40}	W	0,5 0,6	1 1,1	2 2,4	1 1,1	2 2,4	3 3,4	3 3,4	3 3,4	3 3,4	3,5 4	4 4,5	5 5,7	5,5 6	6 7	8 9	10 11	10 11	12 14	12 14
Resistance range	Ω	See next page																		
E-series		E24																		
Tolerances	%	± 5 , (± 1 on request)																		
Temperature coefficient	$10^{-6} \cdot K^{-1}$	0R05 – 4R9 -400 / +1000 5R – 9R9 ± 700 $\geq 10R \pm 300$																		
Max. cont. working voltage	V_{RMS}	$\sqrt{P_{70} \cdot R}$																		
Derating Linear	$^{\circ}C$	70 ... 275 (0W)																		
Temperature range	$^{\circ}C$	-55...+275																		
Failure Rate (Total ϑ_0 max, 60% conf. lev.)	$10^{-9} \cdot h^{-1}$	100																		
Endurance (P_{70} , @70 $^{\circ}C$, 1000)	$[\Delta R/R] \%$	± 5																		
Damp heat, steady state (40 $^{\circ}C$, 93% r.h., 56d)	$[\Delta R/R] \%$	± 5																		
Climatic sequence	$[\Delta R/R] \%$	± 5																		
Terminal strength	$[\Delta R/R] \%$	± 1																		
Surface temp. Rise	$^{\circ}C$	< 250																		
Terminal tensile strength	N	10																		
Resistance to soldering heat (260 $^{\circ}C$, 10s)	$[\Delta R/R] \%$	± 2																		
Solderability		min. 95% coverage																		
Marking		0207 ... 0716 Color code / 0926 ... 1048 printed in clear																		

Features:

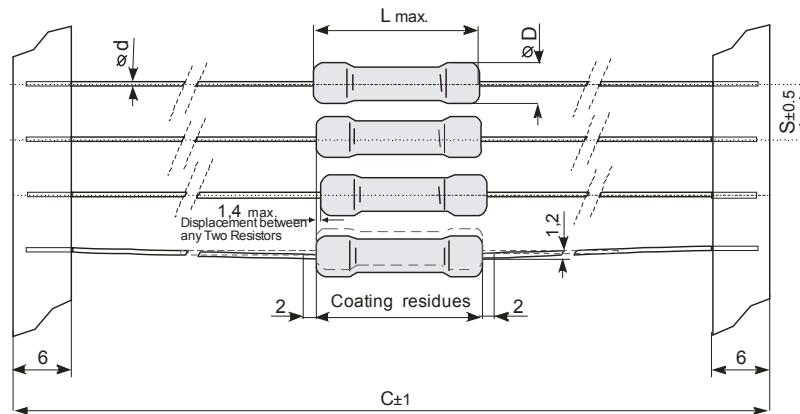
Available in non-inductive styles with Aryton Perry winding for lowest reactive components (Series RN)

Ordering example: RX06133W 5 T 100R
Type Tolerance Pack-Code R-Value

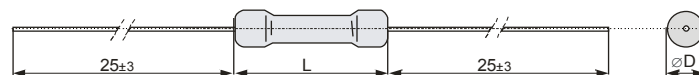
Revision 201205

Type	Resistance range	Dimensions		
	5% (J)	L max.	D max.	d ± 0,05
RX0207W5	0R1 ... 47R	6,8	2,6	0,55
RX04101W	0R05 ... 390R	10,0	3,9	0,70
RX04102W	0R05 ... 470R	10,0	3,9	0,55
RX05151W	0R1 ... 220R	15,0	5,0	0,80
RX05122W	0R1 ... 470R	12,5	5,0	0,80
RX05123W	0R1 ... 2K2	12,0	5,0	0,80
RX06133W	0R05 ... 2K2	13,0	5,5	0,80
RX05163W	0R1 ... 220R	15,5	5,5	0,80
RX07163W	0R1 ... 2K2	16,0	6,5	0,80
RX06163W5	0R1 ... 220R	16,0	6,0	0,80
RX07164W	0R1 ... 2K2	16,0	6,5	0,80
RX09265W	0R33 ... 4K7	26,0	9,0	0,80
RX08205W5	0R33 ... 4K7	20,0	7,5	0,80
RX10266W	0R33 ... 4K7	26,0	9,5	0,80
RX10348W	0R47 ... 10K	34,0	10,0	1,0
RX103410W	0R47 ... 10K	34,0	10,0	1,0
RX104010W	0R68 ... 22K	40,0	10,0	1,0
RX104012W	0R68 ... 22K	40,0	10,0	1,0
RX104812W	1R ... 30K	48,0	10,0	1,0

RX0207..RX0716



RX0820..RX1048



Type	Packaging	(C)	(S)	Pieces	Pack-Code
RX0207W5	Taped	65	5	5000	T
RX04101W	Taped	65	5	1000	T
RX04102W	Taped	65	5	1000	T
RX05151W	Taped	65	10	1000	T
RX05122W	Taped	65	10	1000	T
RX05123W	Taped	65	10	1000	T
RX06133W	Taped	65	10	1000	T
RX05163W	Taped	65	10	500	T
RX07163W	Taped	65	10	500	T
RX06163W5	Taped	65	10	500	T
RX07164W	Taped	65	10	500	T
RX09265W	bulk	-----	-----	100	B
RX08205W5	bulk	-----	-----	186	B
RX10266W	bulk	-----	-----	100	B
RX10348W	bulk	-----	-----	100	B
RX103410W	bulk	-----	-----	100	B
RX104010W	bulk	-----	-----	100	B
RX104012W	bulk	-----	-----	50	B
RX104812W	bulk	-----	-----	50	B

Revision 201205