

Power Wirewound Resistors,
flameproof, coated, axial



Specifications

Type		RX0207W5	RX04101W	RX05151W	RX05123W	RX06133W	RX05163W	RX07163W	RX06163W5	RX07164W	RX09265W	RX08205W5	RX10266W	RX10348W	RX103410W	RX104010W	RX104012W	RX104812W
Power rating P ₇₀		0,5	1,0	1,0	3,0	3,0	3,0	3,0	3,5	4,0	5,0	5,5	6,0	8,0	10,0	10,0	12,0	12,0
Power rating P ₄₀	W	0,6	1,1	1,1	3,4	3,4	3,4	3,4	4,0	4,5	5,7	6,0	6,8	9,0	11,0	11,0	13,5	13,5
Resistance range	Ω	See next page																
E-Series		E 24																
Tolerances	%	1% ; 5%																
Temperature coefficient	10 ⁻⁶ ·K ⁻¹	0R1- 4R9 - 400 / + 1000 5R0- 9R9 + 700 ≥10R + 250																
Max. cont. working voltage	V _{rms}	$\sqrt{P_{70} \times R}$																
Derating linear	°C	70 ... 275 (0 W)																
Temperature range	°C	-55 ... +275																
Failure Rate (Total ∅ ₀ max, 60% conf. lev.)	10 ⁻⁹ ·h ⁻¹	100																
Endurance (P ₇₀ , 70°C, 1000h, intrm.)	[ΔR/R] %	± 5																
Damp heat, steady state (40°C, 93% r.h., 56d)	[ΔR/R] %	± 5																
Climatic sequence	[ΔR/R] %	± 5																
Terminal strength	[ΔR/R] %	± 1																
Surface temp. Rise	°C	<250																
Terminal tensile strength	N	10																
Resistance to soldering heat	[ΔR/R] %	± 2																
Solderability	S	min. 95% coverage																
Coating Color		Grey																
Marking		0207 ... 0716 Color code / 0926 ...1048 printed in clear																

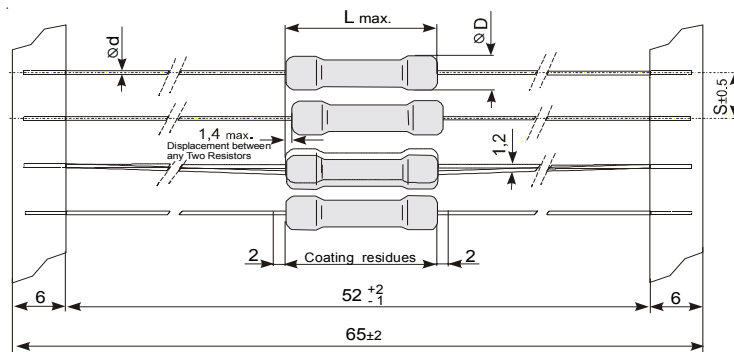
Features:

Available in non-inductive styles with Ayrton Perry winding for lowest reactive components (Series RN).
For the resistance range contact factory.

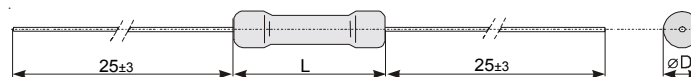
Ordering example: RX06133W 5 T 100R
 Type Tolerance Pack-Code R-Value

Type	Resistance range		Dimensions		
	5% (J)	1% (F)	L max.	∅ Dmax.	∅ d ± 0,05
RX0207W5	0R1 ... 43R	1R ... 43R	6,2	2,5	0,7
RX04101W	0R05 ... 390R	1R ... 68R	10	3,9	0,7
RX05151W	0R1 ... 220R	1R ... 220R	15	5	0,8
RX05123W	0R1 ... 220R	1R ... 220R	12	5	0,8
RX06133W	0R05 ... 3K3	1R ... 220R	13	5,5	0,8
RX05163W	0R1 ... 220R	1R ... 220R	15,5	5,5	0,8
RX07163W	0R1 ... 2K2	1R ... 2K2	16	6,5	0,8
RX06163W5	0R1 ... 220R	1R ... 220R	16	6	0,8
RX07164W	0R1 ... 2K2	1R ... 2K2	16	6,5	0,8
RX09265W	0R33 ... 4K7	1R ... 4K7	26	9	0,8
RX08205W5	0R33 ... 4K7	1R ... 4K7	20	7,5	0,8
RX10266W	0R33 ... 4K7	1R ... 4K7	26	9,5	0,8
RX10348W	0R47 ... 10K	1R ... 10K	34	10	1
RX103410W	0R47 ... 10K	1R ... 10K	34	10	1
RX104010W	0R68 ... 22K	1R ... 22K	40	10	1
RX104012W	0R68 ... 22K	1R ... 22K	40	10	1
RX104812W	1R ... 30K	1R ... 30K	48	10	1

RX0207..RX 0716



RX0820 ...RX 1048



Type	Packaging	Taping (S)	Pieces	Pack-Code
RX0207W5	Taped	5	5000	T
RX04101W	Taped	5	2000	T
RX05151W	Taped	5	1000	T
RX05123W	Taped	5	1000	T
RX06133W	Taped	10	1000	T
RX05163W	Taped	10	1000	T
RX07163W	Taped	10	500	T
RX06163W5	Taped	10	1000	T
RX07164W	Taped	10	500	T
RX09265W	bulk		100	B
RX08205W5	bulk		100	B
RX10266W	bulk		100	B
RX10348W	bulk		100	B
RX103410W	bulk		100	B
RX104010W	bulk		100	B
RX104012W	bulk		100	B
RX104812W	bulk		100	B