

Film and Chip Resistors

RH Series Aluminum Housed Wirewound Resistors

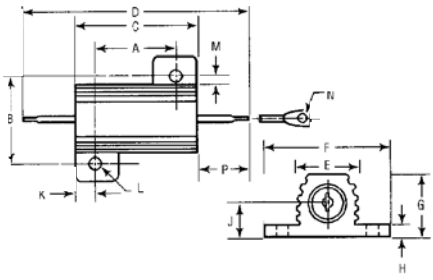
Complete welded and molded construction for total environmental protection in aluminum housed wirewound chassis mount resistor. Mounts on chassis to utilized heat-sink effect. High stability at conventional power ratings. Flat marking surface for easy identification. Series has ceramic, steatite or alumina core (depending on size). Copper-nickel, manganese copper or nickel-chrome alloy element (depending on resistance value) with stainless steel end caps and tinned Copperweld® terminals. -55°C to +275°C operating temperature range.

Dimensions

Mfr.'s Type	A	B	C	D	E	F	G	H	J	K	L	M	N	P
RH-5	.444	.490	.600	1.125	.334	.646	.320	.065	.133	.078	.093	.078	.050	.266
RH-10	.562	.625	.750	1.375	.420	.800	.390	.075	.165	.093	.094	.102	.085	.438
RH-25	.719	.781	1.062	1.938	.550	1.080	.546	.075	.231	.172	.125	.115	.085	.438
RH-50	1.562	.844	1.968	2.781	.630	1.140	.610	.088	.260	.196	.125	.107	.085	.438

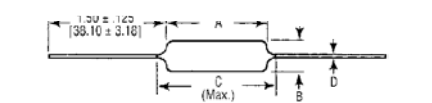
Stock No.	Mfr.'s Type	Ohm Value	Watts	Tol.	EACH		
					1-9	10-24	25-49
895-0102	RH5-1^1%	1	5	1%	2.55	2.34	2.13
895-0105	RH5-5^1%	1	5	1%	2.55	2.34	2.13
895-0110	RH5-10^1%	10	5	1%	2.55	2.34	2.13
895-0112	RH5-15^1%	15	5	1%	2.55	2.34	2.13
895-0118	RH5-30^1%	30	5	1%	2.55	2.34	2.13
895-0124	RH5-40^1%	40	5	1%	2.55	2.34	2.13
895-0134	RH5-100^1%	100	5	1%	2.55	2.34	2.13
895-0136	RH5-150^1%	150	5	1%	2.55	2.34	2.13
895-0138	RH5-200^1%	200	5	1%	2.55	2.34	2.13
895-0140	RH5-250^1%	250	5	1%	2.55	2.34	2.13
895-0162	RH5-1K1%	1K	5	1%	2.55	2.34	2.13
895-0202	RH10-1^1%	1	10	1%	2.19	2.01	1.83
895-0205	RH10-5^1%	5	10	1%	2.19	2.01	1.83
895-0210	RH10-10^1%	10	10	1%	2.19	2.01	1.83
895-0212	RH10-15^1%	15	10	1%	2.19	2.01	1.83
895-0216	RH10-25^1%	25	10	1%	2.19	2.01	1.83
895-0220	RH10-33^1%	33	10	1%	2.19	2.01	1.83
895-0224	RH10-40^1%	40	10	1%	2.86	2.01	1.83
895-0228	RH10-50^1%	50	10	1%	2.19	2.01	1.83
895-0230	RH10-60^1%	60	10	1%	2.19	2.01	1.83
895-0234	RH10-100^1%	100	10	1%	2.19	2.01	1.83
895-0236	RH10-150^1%	150	10	1%	2.19	2.01	1.83
895-0252	RH10-470^1%	470	10	1%	2.19	2.01	1.83

Stock No.	Mfr.'s Type	Ohm Value	Watts	Tol.	EACH		
					1-9	10-24	25-49
895-0278	RH10-5K1%	5K	10	1%	2.25	2.06	1.88
895-0302	RH25-1^1%	1	25	1%	3.00	2.75	2.50
895-0303	RH25-2^1%	2	25	1%	3.00	2.75	2.50
895-0301	RH25-3^1%	3	25	1%	3.00	2.75	2.50
895-0305	RH25-5^1%	5	25	1%	3.00	2.75	2.50
895-0307	RH25-7.5^1%	7.5	25	1%	3.00	2.75	2.50
895-0310	RH25-10^1%	10	25	1%	3.00	2.75	2.50
895-0312	RH25-15^1%	15	25	1%	3.04	2.78	2.53
895-0314	RH25-20^1%	20	25	1%	3.00	2.75	2.50
895-0316	RH25-25^1%	25	25	1%	3.00	2.75	2.50
895-0318	RH25-30^1%	30	25	1%	3.03	2.78	2.53
895-0324	RH25-40^1%	40	25	1%	3.00	2.75	2.50
895-0326	RH25-47^1%	47	25	1%	3.00	2.75	2.50
895-0328	RH25-50^1%	50	25	1%	3.03	2.78	2.53
895-0330	RH25-60^1%	60	25	1%	3.00	2.75	2.50
895-0334	RH25-100^1%	100	25	1%	3.00	2.75	2.50
895-0358	RH25-750^1%	750	25	1%	3.00	2.75	2.50
895-0362	RH25-1K1%	1K	25	1%	3.00	2.75	2.50
895-0370	RH25-3K1%	3K	25	1%	2.91	2.67	2.43
895-0382	RH25-10K1%	10K	25	1%	2.91	2.67	2.43
895-0386	RH25-20K1%	20K	25	1%	4.08	3.74	3.40
895-0400	RH50-1^1%	0.1	50	1%	6.81	6.24	5.68
895-0402	RH50-1^1%	1	50	1%	3.93	3.60	3.28



Stock No.	Mfr.'s Type	Ohm Value	Watts	Tol.	EACH		
					1-9	10-24	25-49
895-0464	RH50-1.5K1%	1.5	50	1%	4.65	4.27	3.88
895-0403	RH50-2^1%	2	50	1%	3.93	3.60	3.28
895-0406	RH50-3^1%	3	50	1%	3.93	3.60	3.28
895-0405	RH50-5^1%	5	50	1%	3.93	3.60	3.28
895-0407	RH50-7.5^1%	7.5	50	1%	3.93	3.60	3.28
895-0410	RH50-10^1%	10	50	1%	3.93	3.60	3.28
895-0412	RH50-15^1%	15	50	1%	3.93	3.60	3.28
895-0414	RH50-20^1%	20	50	1%	3.93	3.60	3.28
895-0416	RH50-25^1%	25	50	1%	3.93	3.60	3.28
895-0418	RH50-30^1%	30	50	1%	3.93	3.60	3.28
895-0420	RH50-33^1%	33	50	1%	3.93	3.60	3.28
895-0428	RH50-50^1%	50	50	1%	3.93	3.60	3.28
895-0434	RH50-100^1%	100	50	1%	3.93	3.60	3.28
895-0436	RH50-150^1%	150	50	1%	3.93	3.60	3.28
895-0438	RH50-200^1%	200	50	1%	3.93	3.60	3.28
895-0440	RH50-250^1%	250	50	1%	3.93	3.60	3.28
895-0444	RH50-300^1%	300	50	1%	3.93	3.60	3.28
895-0452	RH50-470^1%	470	50	1%	3.93	3.60	3.28
895-0462	RH50-1K1%	1K	50	1%	3.93	3.60	3.28
895-0468	RH50-2.5K1%	2.5K	50	1%	4.26	3.91	3.55
895-0478	RH50-5K1%	5K	50	1%	4.26	3.91	3.55
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Model RN Metal Film Resistors



Dimensions

Mfr.'s Type	A In. [mm]	B In. [mm]	C (Max.) In. [mm]	D In. [mm]
RN-50	.150 ± .020 [3.81 ± .508]	.065 ± .015 [1.65 ± .381]	.187 [4.75]	.016 ± .002 [.406 ± .051]
RN-55	.240 ± .020 [6.10 ± .508]	.090 ± .008 [2.29 ± .203]	.278 [7.06]	.025 ± .002 [.635 ± .051]
RN-60	.344 ± .031 [8.74 ± .787]	.145 ± .015 [3.68 ± .381]	.425 [10.80]	.025 ± .002 [.635 ± .051]
RN-65	.562 ± .031 [14.27 ± .787]	.180 ± .015 [4.57 ± .381]	.687 [17.45]	.025 ± .002 [.635 ± .051]

Small size, flame retardant epoxy conformal coating with excellent high frequency characteristics. Low noise, low voltage coefficient and controlled temperature coefficient. 1% tolerance. Fire-cleaned high purity ceramic core with vacuum-deposited nickel-chrome alloy element. Standard lead material is solder-coated copper. Leads are solderable and weldable. Resistance shifts due to storage at room temperature are negligible.

Stock No.	Mfr.'s Type	Ohm Value	Watts	Tol.	PPM	EACH		
						1-9	10-24	25-49
895-6844	RN55C1001F	1K	1/20	1%	50	16.32	14.84	13.60
895-5057	RN55D5621F	5.62	1/8	1%	100	6.66	5.92	5.32
895-6910	RN55C10R0F	10	1/8	1%	50	11.02	9.64	8.26
895-5010	RN55D10R0F	10	1/8	1%	100	6.12	5.44	4.90
895-6962	RN55C1212F	12.1	1/8	1%	50	11.02	9.64	8.26
895-5011	RN55D12R1F	12.1	1/8	1%	100	6.66	5.92	5.32
895-5012	RN55D15R0F	15	1/8	1%	100	6.12	5.44	4.90
895-5013	RN55D20R0F	20	1/8	1%	100	6.66	5.92	5.32
895-5016	RN55D30R1F	30.1	1/8	1%	100	6.12	5.44	4.90
895-5020	RN55D47R5F	47.5	1/8	1%	100	6.12	5.44	4.90
895-5021	RN55D49R9F	49.9	1/8	1%	100	6.12	5.44	4.90
895-6922	RN55C51R1F	51.1	1/8	1%	50	11.02	9.64	8.26
895-5022	RN55D51R1F	51.1	1/8	1%	100	4.80	4.36	4.00
895-6924	RN55C75R0F	75	1/8	1%	50	11.02	9.64	8.26
895-5024	RN55D75R0F	75	1/8	1%	100	6.12	5.44	4.90
895-6927	RN55C1000F	100	1/8	1%	50	8.42	6.82	5.40
895-5027	RN55D1000F	100	1/8	1%	100	6.12	5.44	4.90
895-5028	RN55D1210F	121	1/8	1%	100	6.12	5.44	4.90
895-6929	RN55C1500F	150	1/8	1%	50	11.02	9.64	8.26
895-5029	RN55D1500F	150	1/8	1%	100	6.12	5.44	4.90
895-6930	RN55C2000F	200	1/8	1%	50	11.02	9.64	8.26

Stock No.	Mfr.'s Type	Ohm Value	Watts	Tol.	PPM	EACH		
						1-9	10-24	25-49
895-5030	RN55D2000F	200	1/8	1%	100	6.12	5.44	4.90
895-5031	RN55D2210F	221	1/8	1%	100	6.12	5.44	4.90
895-6932	RN55C2490F	249	1/8	1%	50	11.02	9.64	8.26
895-5032	RN55D2490F	249	1/8	1%	100	6.12	5.44	4.90
895-5033	RN55D3010F	301	1/8	1%	100	6.66	5.92	5.32
895-6935	RN55D4020F	402	1/8	1%	100	6.12	5.44	4.45
895-6937	RN55C4750F	475	1/8	1%	50	11.02	9.64	8.26
895-6938	RN55C4990F	499	1/8	1%	50	11.96	10.46	8.96
895-5038	RN55D4990F	499	1/8	1%	100	6.66	5.92	5.32
895-5040	RN55D5620F	562	1/8	1%	100	6.12	5.44	4.90
895-5043	RN55D9090F	909	1/8	1%	100	6.12	5.44	4.90
895-5045	RN55D1211F	1.21K	1/8	1%	100	6.66	5.92	5.32
895-5046	RN55D1501F	1.5K	1/8	1%	100	6.12	5.44	4.90
895-6947	RN55C2001F	2K	1/8	1%	50	11.02	9.64	8.26
895-5047	RN55D2001F	2K	1/8	1%	100	6.12	5.44	4.90
895-6948	RN55C2211F	2.21K	1/8	1%	50	11.02	9.64	8.26
895-5048	RN55D2211F	2.21K	1/8	1%	100	6.66	5.92	5.32
895-5049	RN55D2491F	2.49K	1/8	1%	100	6.12	5.44	4.90
895-6950	RN55C3011F	3.01K	1/8	1%	50	11.02	9.64	8.26
895-5051	RN55D3481F	3.48K	1/8	1%	100	6.66	5.92	5.32
895-5052	RN55D4021F	4.02K	1/8	1%	100	6.12	5.44	4.90
895-5053	RN55D4321F	4.32K	1/8	1%	100	6.12	5.44	4.90
895-6954	RN55C4751F	4.75K	1/8	1%	50	11.02	9.64	8.26
895-5054	RN55D4751F	4.75K	1/8	1%	100	6.12	5.44	4.90
895-6955	RN55C4991F	4.99K	1/8	1%	50	11.02	9.64	8.26
895-5055	RN55D4991F	4.99K	1/8	1%	100	6.12	5.44	4.90
895-6956	RN55C5111F	5.11K	1/8	1%	50	11.96	10.46	8.96
895-5056	RN55D5111F	5.11K	1/8	1%	100	6.12	5.44	4.90
895-6957	RN55C5621F	5.62K	1/8	1%	50	11.02	9.64	8.26
895-5058	RN55D5621F	5.62K	1/8	1%	100	6.12	5.44	4.90
895-5060	RN55D9091F	9.09K	1/8	1%	100	6.66	5.92	5.32
895-5062	RN55D1212F	12.1K	1/8	1%	100	6.12	5.44	4.90
895-6963	RN55C1502F	15K	1/8	1%	50	11.02	9.64	8.26
895-5063	RN55D1502F	15K	1/8	1%	100	6.12	5.44	4.90
895-6964	RN55C2002F	20K	1/8	1%	50	11.02	9.64	8.26
895-5064	RN55D2002F	20K	1/8	1%	100	6.12	5.44	4.90
895-5065	RN55D2212F	22.1K	1/8	1%	100	6.12	5.44	4.90
895-6966	RN55C2492F	249	1/8	1%	50	11.02	9.64	8.26
895-5067	RN55D2492F	24.9K	1/8	1%	100	6.12	5.44	4.90
895-6967	RN55C3012F	30.1K	1/8	1%	50	11.02	9.64	8.26
895-5067	RN55D3012F	30.1K	1/8	1%	100	6.12	5.44	4.90
895-5068	RN55C3482F	34.8K	1/8	1%	100	6.12	5.44	4.90
895-6969	RN55D4022F	40.2K	1/8	1%	50	11.02	9.64	8.26
895-5069	RN55D4022F	40.2K	1/8	1%	100	6.12	5.44	4.90
895-6970	RN55C4752F	47.5K	1/8	1%	50	11.02	9.64	8.26
895-5071	RN55D4752F	47.5K	1/8	1%	100	6.12	5.44	4.90
895-6971	RN55C4992F	49.9K	1/8	1%	50	12.00	10.50	8.99
895-5071	RN55D4992F	49.9K	1/8	1%	100	6.12	5.44	4.90
895-5072	RN55D5112F	51.1K	1/8	1%	100	6.12	5.44	4.90
895-5073	RN55D5622F	56.2K	1/8	1%	100	6.66	5.92	5.33
895-6974	RN55C7502F	75K	1/8	1%	50	11.02	9.64	8.26
895-5074	RN55D7502F	75K	1/8	1%	100	6.12	5.44	4.90
895-6975	RN55C8062F	80.6K	1/8	1%	50	11.02	9.64	8.26
895-5075	RN55D8062F	90.9K	1/8	1%	100	6.66	5.92	5.32
895-6977	RN55C1003F	100K	1/8	1%	50	11.02	9.64	8.26
895-6978	RN55D1213F	12.1K	1/8	1%	100	6.12	5.44	4.90
895-5078	RN55D1213F	12.1K	1/8	1%	100	6.12	5.44	4.90
895-6979	RN55C1503F	150K	1/8	1%	50	11.02	9.64	8.26
895-6980	RN55D2003F	200K	1/8	1%	50	11.02	9.64	8.26
895-5080	RN55C2003F	200K	1/8	1%	100	6.12	5.44	4.90