

Aluminium Clad Wirewound - continued

WH Series - continued

Stocked in the following OHMIC Values:

OR1 = 950-7698	3R3 = 950-7914	47R = 950-7949	270R = 950-7833
OR3 = 950-7701	4R7 = 950-7957	50R = 950-7965	330R = 950-7884
OR33 = 950-8023	6R8 = 950-8015	50R = 950-7981	1K5 = 950-7787
OR47 = 950-7710	10R = 950-7744	68R = 950-8007	2K2 = 950-7850
OR68 = 950-7728	15R = 950-7779	100R = 950-7736	680R = 950-7990
1R = 950-7795	22R = 950-7825	120R = 950-7752	560R = 950-7973
1R5 = 950-7809	27R = 950-7841	150R = 950-7760	3K3 = 950-7906
2R2 = 950-7868	33R = 950-7892	220R = 950-7817	470R = 950-7930
2R7 = 950-7876	43R = 950-7922		

207417

Order Code	1+	20+	50+	100+	+
Values OR1 to 680R ●	132.00	118.00	111.00	84.00	--
Values 1K5 to 3K3 ●	122.00	111.00	110.00	107.00	--

15 Watt - WH10 Series

with heatsink	15W	Insulation resistance	10000MΩ
without heatsink	8.0W	Surface temperature rise (°C/Watt)	19.4
Tolerance	±5%	Voltage rating	265V ac
Temperature coefficient	±75ppm/°C(<10Ω) ±50ppm/°C(≥10Ω)	Operating temperature	-55°C to +275°C

Stocked in the following OHMIC Values:

OR1 = 950-6730	3R = 950-7019	50R = 950-7078	330R = 950-6993
OR2 = 950-6748	3R3 = 950-7027	56R = 950-7094	470R = 950-7035
OR22 = 950-6764	4R7 = 950-7060	62R = 950-7124	560R = 950-7086
OR25 = 950-6772	5R = 950-7116	68R = 950-7140	680R = 950-7132
OR33 = 950-6780	10R = 950-6829	100R = 950-6810	1K = 950-6870
OR47 = 950-6799	12R = 950-6845	120R = 950-6837	1K5 = 950-6888
OR5 = 950-6802	15R = 950-6861	150R = 950-6853	2K2 = 950-6969
1R = 950-6896	20R = 950-6918	220R = 950-6926	3K3 = 950-7000
1R5 = 950-6900	22R = 950-6934	240R = 950-6942	4K7 = 950-7051
2R = 950-6977	47R = 950-7043	270R = 950-6950	5K = 950-7108
2R2 = 950-6985			

207425

Order Code	1+	20+	50+	100+	+
Values OR1 to 1K ●	143.00	126.00	117.00	90.00	--
Values 1K5 to 5K ●	173.00	161.00	151.00	114.00	--

25 Watt - WH25 Series

Power rating @ 20°C		Insulation resistance	10000MΩ
with heatsink	25W	Surface temperature rise (°C/Watt)	13.3
without heatsink	12.5W	Voltage rating	560V ac
Tolerance	±5%	Operating temperature	-55°C to +275°C
Temperature coefficient	±75ppm/°C(<10Ω) ±50ppm/°C(≥10Ω)		

Stocked in the following OHMIC Values:

OR01 = 327-1055	1R5 = 327-1080	12R = 345-052	56R = 345-167	1K5 = 327-1122
OR05 = 327-1067	2R = 344-977	15R = 345-064	68R = 345-179	2K2 = 345-271
OR1 = 344-898	2R2 = 344-989	16R = 345-076	100R = 345-192	3K3 = 327-1134
OR15 = 344-904	3R3 = 327-1092	18R = 345-088	120R = 345-209	3K9 = 345-283
OR22 = 327-1079	3R9 = 344-990	22R = 345-090	150R = 345-210	4K7 = 327-1146
OR24 = 344-916	4R7 = 345-003	24R = 345-106	220R = 345-222	5K6 = 327-1158
OR27 = 344-928	5R = 345-015	33R = 950-7477	330R = 345-234	6K8 = 327-1160
OR33 = 344-930	6R8 = 345-027	39R = 345-131	470R = 345-246	8K2 = 345-295
OR56 = 344-953	8R2 = 950-7680	47R = 950-7540	680R = 345-258	10K = 345-301
1R = 344-965	10R = 345-040	50R = 345-155	1K = 345-260	15K = NEW 500-7811
OR01 = 950-7159	1R5 = 950-7388	15R = 950-7329	82R = 950-7663	1K5 = 950-7361
OR05 = 950-7167	2R = 950-7442	16R = 950-7337	100R = 950-7256	2K2 = 950-7434
OR1 = 950-7175	2R2 = 950-7450	18R = 950-7345	120R = 950-7280	3K3 = 950-7493
OR15 = 950-7183	3R3 = 950-7515	22R = 950-7400	150R = 950-7302	3K9 = 950-7507
OR22 = 950-7191	3R9 = 950-7523	24R = 950-7418	220R = 950-7396	4K7 = 950-7558
OR24 = 950-7205	4R7 = 950-7566	27R = 950-7426	330R = 950-7469	5K6 = 950-7604
OR27 = 950-7213	5R = 950-7612	39R = 950-7485	470R = 950-7531	6K8 = 950-7647
OR33 = 950-7221	6R8 = 950-7655	50R = 950-7574	560R = 950-7582	8K2 = 950-7671
OR47 = 950-7230	10R = 950-7272	56R = 950-7590	680R = 950-7620	10K = 950-7264
OR56 = 950-7248	12R = 950-7299	68R = 950-7639	1K = 950-7353	15K = 950-7310
1R = 950-7370				

207163

Order Code	1+	20+	50+	100+	+
Values OR01 to 1k	144.00	128.00	121.00	105.00	--
Values 1k5 to 15k	136.00	121.00	114.00	99.00	--

50 Watt - WH50 Series

Power rating @ 20°C		Insulation resistance	10000MΩ
with heatsink	50W	Surface temperature rise (°C/Watt)	9.5
without heatsink	20W	Voltage rating	1250V ac
Tolerance	±5%	Operating temperature	-55°C to +275°C
Temperature coefficient	±75ppm/°C(<10Ω) ±50ppm/°C(≥10Ω)		

Stocked in the following OHMIC Values:

OR1 = 950-8031	5R = 950-8490	22R = 950-8236	50R = 950-8465	330R = 950-8317
OR47 = 950-8040	5R6 = 950-8503	24R = 950-8244	68R = 950-8538	390R = 950-8341
OR5 = 950-8058	10R = 950-8082	27R = 950-8260	100R = 950-8066	470R = 950-8392
1R = 950-8180	12R = 950-8104	30R = 950-8309	150R = 950-8112	620R = 950-8511
2R = 950-8287	15R = 950-8120	33R = 950-8333	180R = 950-8147	820R = 950-8562
2R2 = 950-8295	18R = 950-8155	39R = 950-8350	220R = 950-8210	1K = 950-8163
4R7 = 950-8449	20R = 950-8201	47R = 950-8422	270R = 950-8252	1K2 = 950-8171

2K2 = 950-8279 4K7 = 950-8430 16K = 950-8139 33K = 950-8325 50K = 950-8457
3K9 = 950-8376 10K = 950-8074 22K = 950-8228 47K = 950-8406

207174

Order Code	1+	20+	50+	100+	+
Values 2k2 to 1k ●	166.00	149.00	137.00	121.00	--
Values 1k2 to 50k ●	176.00	158.00	145.00	128.00	--

HSC Series



HSC100



HSC300

Dimensions:

HSC100 H = 26.0, W = 47.5, L = 65.5. Fixing centres = 35.0 x 37.0, Termination L = 11
HSC200 H = 45.0, W = 73.0, L = 90.0. Fixing centres = 57.2 x 70.0, Termination M6 stud, nuts & washers
HSC300 H = 45.0, W = 73.0, L = 128.0. Fixing centres = 59.0 x 104.0, Termination M6 stud, nuts & washers

100 Watt - HSC100 Series

Power rating @ 20°C		Insulation resistance	10000MΩ
with heatsink	100W	Surface temperature rise (°C/Watt)	1.1
without heatsink	50W	Voltage rating	1900V a.c.
Resistance tolerance	±5%	Operating temperature	-55°C to +250°C
Temperature coefficient	±50ppm/°C >100R ±30ppm/°C		

Stocked in the following OHMIC Values:

OR1 = 117-4279	1R5 = 117-4283	6R8 = 117-4287	33R = 117-4293	220R = 117-4297
OR22 = 117-4280	2R2 = 117-4284	10R = 117-4288	47R = 117-4294	470R = 117-4298
OR47 = 117-4281	3R3 = 117-4285	15R = 117-4291	68R = 117-4295	1K = 117-4299
1R = 117-4282	4R7 = 117-4286	22R = 117-4292	100R = 117-4296	

207235

Order Code	1+	20+	50+	100+	+
All Values ●	399.00	350.00	322.00	282.00	--

200 Watt - HSC200 Series

Power rating @ 20°C		Insulation resistance	10000MΩ
with heatsink	200W	Surface temperature rise (°C/Watt)	0.75
without heatsink	50W	Voltage rating	1900V ac
Resistance tolerance	±5%	Operating temperature	-55°C to +250°C
Temperature coefficient	±50ppm/°C >100R ±30ppm/°C		

Stocked in the following OHMIC Values:

OR1 = 272-668	2R2 = 272-693	47R = 272-747	150R = 117-3990	470R = 117-3991
OR47 = 272-670	10R = 272-723	100R = 272-759	220R = 272-772	1K = 272-796
1R = 272-681	22R = 272-735			

207197

Order Code	1+	10+	25+	50+	+
All Values ●	1,244.00	1,118.00	1,024.00	925.00	--

300 Watt - HSC300 Series

Power rating @ 20°C		Resistance tolerance	±5%
with heatsink	300W	Temperature coefficient	±50ppm/°C
without heatsink	75W		>100R ±30ppm/°C

Stocked in the following OHMIC Values:

1R = 652-611	10R = 652-647	100R = 652-672	680R = 652-696
4R7 = 652-623	22R = 652-659	330R = 652-684	1K = 652-702
6R8 = 652-635	47R = 652-660		

207234

Order Code	1+	10+	25+	50+	+
All Values ●	1,826.00	1,629.00	1,496.00	1,353.00	--

Thermistors

Thermistors are thermally sensitive resistors which display a change in resistance as their temperature changes. Available in two types NTC and PTC.



NTC - Negative temperature coefficient

As the temperature increases the Thermistors resistance decreases. Used mainly for inrush current limiting. They suppress high inrush current surges which can occur in many electrical items, such as power supplies, motors, transformers, amplifiers.

PTC - Positive temperature coefficient

As the temperature increases the Thermistor resistance increases. Used in many applications including:

- Overload Protection
- Temperature Sensing
- Heating
- Continuous Switching

388687