

25 Watt

Power rating (Pr) @ 25°C 25W Overload power rating 10xPr for 5 secs
 Resistance tolerance ≥ OR15 ±20% Temperature coefficient ±75ppm/°C
 ≥ 1R ±10% Operating temperature -55°C to +450°C
 ≥ 10R ±5%

Stocked in the following OHMIC Values :
 OR15 = 114-1279 1R = 114-1281 10R = 114-1283 22R = 114-1285
 OR47 = 114-1280 5R6 = 114-1282

Order Code	Price Each				
	1+	10+	25+	+	+
All Values ●	648.00	556.00	524.00	--	--
2EDN Mtg bracket 121-3358●	32.00	30.00	21.00	--	--

100 Watt

Power rating @ 25°C 100W Overload power rating 10xPr for 5 secs
 Resistance tolerance ≥ OR15 ±20% Temperature coefficient ±75ppm/°C
 ≥ 4R7 ±10% Operating temperature -55°C to +450°C
 ≥ 10R ±5%

Stocked in the following OHMIC Values :
 1R = 114-1286 10R = 114-1288 47R = 114-1290 100R = 114-1291
 4R7 = 114-1287 22R = 114-1289

Order Code	Price Each				
	1+	10+	25+	+	+
Value 1R ●	1,172.00	1,020.00	962.00	--	--
Values 4R7 to 100R ●	844.00	734.00	691.00	--	--
2EKN Mtg bracket 121-3359●	114.00	104.00	59.00	--	--

200 Watt

Power rating @ 25°C 200W Overload power rating 10xPr for 5 secs
 Resistance tolerance ≥ 1R ±10% Temperature coefficient ±75ppm/°C
 ≥ 10R ±5% Operating temperature -55°C to +450°C

Stocked in the following OHMIC Values :
 1R = 114-1292 10R = 114-1294 47R = 114-1297 220R = 114-1299
 4R7 = 114-1293 22R = 114-1295 100R = 114-1298

Order Code	Price Each				
	1+	10+	25+	+	+
Value 1R ●	1,699.00	1,477.00	1,394.00	--	--
Values 4R7 to 200R ●	1,210.00	1,051.00	991.00	--	--
2EMN Mtg bracket 121-3360●	114.00	110.00	--	--	--

280 Watt

Power rating @ 25°C 280W Overload power rating 10xPr for 5 secs
 Resistance tolerance ≥ OR47 ±10% Temperature coefficient ±75ppm/°C
 ≥ 10R ±5% Operating temperature -55°C to +450°C

Stocked in the following OHMIC Values :
 OR47 = 114-1300 10R = 114-1303 47R = 114-1305 330R = 114-1307
 4R7 = 114-1301 22R = 114-1304 100R = 114-1306

Order Code	Price Each				
	1+	10+	25+	+	+
Value 1R ●	2,045.00	1,786.00	1,670.00	--	--
Values 4R7 to 330R ●	1,693.00	1,475.00	1,388.00	--	--
2ESN Mtg bracket 121-3361●	179.00	164.00	108.00	--	--

300 Watt – 280 Series

OHMITE



L=215.9
Dia.=28.58

- Tubular ceramic core with Corrib® corrugated resistance wire to aid cooling, coated with vitreous enamel
- Low resistance values capable of high current capacity
- Designed to withstand frequent stop start cycles
- Applications include motor starting and dynamic braking

Power rating @ 25°C 300W Derating linearly from 100 @ +25°C to 0% @> +400°C
 Tolerance @ 25°C ±10% Overload 10 times rated wattage for 5 seconds
 Max. voltage 1000V ac Temperature coefficient ±400ppm/°Cw

Resistance (Ω)	Max. Current (A)	Order Code	Price Each			
			1+	5+	10+	25+
OR1	54.7	218-3675▲	2,402.00	--	--	--
OR2	38.7	199-3288▲	2,178.00	1,872.00	--	--
OR5	24.5	199-8171▲	1,999.00	--	--	--
1R	17.3	199-8183▲	1,518.00	1,377.00	1,282.00	993.00
2R	12.2	184-0290▲	1,506.00	--	--	--
3R1	9.8	199-3483▲	1,422.00	--	--	--
5R	7.7	199-3318▲	1,351.00	--	--	--
8R	6.1	199-8213▲	1,370.00	--	--	--
10R	5.5	199-3290▲	1,339.00	1,302.00	--	--
20R	3.8	199-3306▲	1,510.00	--	--	--

Silicone Coated Wirewound

3 Watt – AC03 Series



L=13, Dia=5.5, Lead length=28 nom, Lead dia=0.8 Supplied bandoliered on tape (box=500 pcs)

- Cemented wirewound resistors
- Coated in non-flammable silicone cement
- Designed to dissipate high power in a small volume

Power rating @40°C 3W(2.5W @ 70°C) Temperature coefficient ±5% 0.1 to 0.1Ω -80 to +600ppm/°C
 Resistance tolerance ±5% 0.1Ω to 0.1kΩ -80 to +600ppm/°C
 Voltage rating 1000V
 Operating temperature -40°C to +200°C

Stocked in the following OHMIC Values:
 OR1 = 945-7739 12R = 946-2899 1R = 946-2996 2R7 = 946-3097 560R = 946-3194
 OR22 = 946-2805 150R = 946-2902 1R5 = 946-3003 330R = 946-3100 56R = 946-3208
 OR27 = 946-2813 15R = 946-2910 1R8 = 946-3011 33R = 946-3119 5R6 = 946-3216
 OR33 = 946-2821 180R = 946-2929 220R = 946-3020 390R = 946-3127 680R = 946-3224
 OR47 = 946-2830 18R = 946-2937 22R = 946-3038 39R = 946-3135 68R = 946-3232
 OR51 = 946-2848 1K2 = 946-2945 270R = 946-3046 3R3 = 946-3143 6R8 = 946-3240
 OR68 = 946-2856 1K = 946-2953 27R = 946-3054 3R9 = 946-3151 820R = 946-3259
 100R = 946-2864 1K5 = 946-2961 2K2 = 946-3062 470R = 946-3160 82R = 946-3275
 10R = 946-2872 1K8 = 946-2970 2K7 = 946-3070 47R = 946-3178 8R2 = 946-3283
 120R = 946-2880 1R2 = 946-2988 2R2 = 946-3089 4R7 = 946-3186

Mfrs. List No. AC03 + OHMIC Value

207175

Order Multiple=5
Order Code

Price Each

All Values ●●

5+	50+	100+	1K+	+
31.00	24.00	19.00	14.00	--

3 Watt – W31 Series – Low Ohmic



L = 13, Dia. = 5.6, Lead length = 22.75 min, Lead dia. = 0.8
 Supplied bandoliered on tape (box = 1000 pcs)

- Cement coated wirewound resistors
- Low ohmic values for pulse handling applications
- Non-flammable

Power rating @ 25°C 3W Temperature coefficient 0.01 to 0.027Ω <1000ppm/°C
 Power rating @ 70°C 2.5W 0.033 to 0.082Ω <500ppm/°C
 Resistance tolerance ±5% 0.1 to 1Ω <200ppm/°C
 Limited element voltage 100V

Stocked in the following OHMIC Values:
 OR01 = 347-2541 OR039 = 347-2619 OR12 = 347-2681 OR47 = 347-2759
 OR012 = 347-2553 OR047 = 347-2620 OR15 = 347-2693 OR51 = 347-2760
 OR015 = 347-2565 OR051 = 347-2632 OR18 = 347-2700 OR56 = 347-2772
 OR018 = 347-2577 OR056 = 347-2644 OR22 = 347-2711 OR68 = 347-2784
 OR022 = 347-2589 OR068 = 347-2656 OR27 = 347-2723 OR82 = 347-2796
 OR027 = 347-2590 OR082 = 347-2668 OR33 = 347-2735 1R = 347-2802
 OR033 = 347-2607 OR1 = 347-2670 OR39 = 347-2747

227210

Order Code	Price Each				
	5+	25+	100+	500+	+
All Values	30.00	25.00	21.00	12.00	--

OR01 = 949-7072 OR039 = 949-7145 OR12 = 949-7218 OR47 = 949-7285
 OR012 = 949-7080 OR047 = 949-7153 OR15 = 949-7226 OR51 = 949-7293
 OR015 = 949-7099 OR051 = 949-7161 OR18 = 949-7234 OR56 = 949-7307
 OR018 = 949-7102 OR056 = 949-7170 OR22 = 949-7242 OR68 = 949-7315
 OR022 = 949-7110 OR068 = 949-7188 OR27 = 949-7250 OR82 = 949-7323
 OR027 = 949-7129 OR082 = 949-7196 OR33 = 949-7269 1R = 949-7064
 OR033 = 949-7137 OR1 = 949-7200 OR39 = 949-7277

Order Code	Price Each				
	5+	25+	100+	500+	+
All Values ●	30.00	25.00	21.00	12.00	--

3 Watt – WA84 Series



L = 14.5, Dia. = 5.2, Lead length = 24.55 min, Lead dia. = 0.8
 Supplied bandoliered on tape (box = 1000 pcs)

- Cement coated wirewound resistors
- Suitable for pulse handling applications
- Non-flammable

Power rating @ 25°C 3W Limiting element voltage 100V
 Power rating @ 70°C 2.5W Temperature coefficient ±5% 200ppm/°C
 Resistance tolerance ±5%

Stocked in the following OHMIC Values:
 1R = 347-2814 1R5 = 347-2838 2R2 = 347-2851 3R9 = 347-2887 5R6 = 347-2905
 1R2 = 347-2826 1R8 = 347-2840 2R7 = 347-2863 4R7 = 347-2899 6R8 = 347-2917

Resistors, Potentiometers & Thermistors

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Compliant Non-compliant Limited stock - RoHS replacement available

RoHS