4 Watt – SBL4 - Series Low Ohmic

MEGGITT ELECTRONIC COMPONENTS

L = 20, W = 6.4, D = 6.4, Lead dia = 0.8

Low ohmic value non-inductive resistors with low temperature coefficient in a fully insulated ceramic housing. Ideal for applications in power supply regulation, motor control, current monitoring, feedback control loops, overload sensors, radio frequency sampling and all current sensing applications.

Power rating @ 70°C	4W	Stability @ 70°C	1000 hours ≤±3%
derating to zero watts at 250°C		Measuring length for R_N	40mm
Resistance tolerance	±5%	Voltage rating	$\sqrt{PR}$
Insulation resistance	>1000MΩ	Operating temperature	–55°C to +250°C
Temperature coefficient	100—600 ppm/°C (dependent on value)		

Stocked in the following OHMIC Values:

0R010 = **148-724** 0R022 = **148-726** 0R047 = **148-728**
0R015 = **148-725** 0R033 = **148-727** 0R051 = **148-729**

rp80

Order Code	Price Each 1+	50+	100+	250+	500+
All Values					

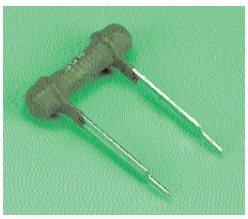
Pluggable Wirewound

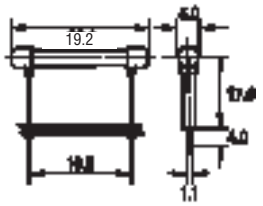
High profile pluggable wirewound resistors offering excellent power dissipation coupled with small size. Continuously wound even pitch on a fibre glass core with silicone cement coating. Snap fit insertion with no cropping, forming or ceramic bead stand offs. Suitable for use with paper and fibre glass boards. Ideal for use in switch mode power supplies.

rp81

2 Watt - FCB2 Series

MEGGITT ELECTRONIC COMPONENTS





Power rating @ 70°C	2W	Temp coefficient	70 to 250 ppm/°C
Resistance tolerance		Voltage rating	$\sqrt{PR}$
0R22—3R3	±10%	Operating temperature	–55°C to +350°C
4R7—2K2	±5%		

Stocked in the following OHMIC Values:

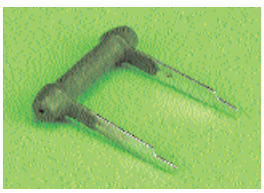
0R22 = **148-736** 2R2 = **148-742** 10R = **148-746** 100R = **148-752** 1K = **148-758**
0R33 = **148-737** 3R3 = **148-743** 22R = **148-748** 220R = **148-754** 2K2 = **148-760**
0R47 = **148-738** 4R7 = **148-744** 47R = **148-750** 330R = **148-755** 1R = **148-740**

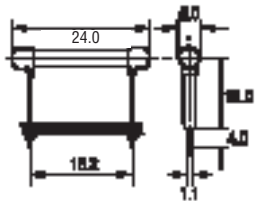
rp82

Order Multiple=5 Order Code	Price Each 5+	50+	100+	500+
.Values 0R22 to 3R3				
.Values 4R7 to 1K				
.Value 2K2				

4 Watt - FCB4 Series

MEGGITT ELECTRONIC COMPONENTS





Power rating @ 70°C	4W	Temp coefficient	70 to 250 ppm/°C
Resistance tolerance		Voltage rating	$\sqrt{PR}$
0R33—3R3	±10%	Operating temperature	–55°C to +350°C
4R7—10K	±5%		

Stocked in the following OHMIC Values:

0R33 = **148-764** 4R7 = **148-771** 47R = **148-777** 470R = **148-783** 4K7 = **148-789**
0R47 = **148-765** 6R8 = **148-772** 68R = **148-778** 680R = **148-784** 6K8 = **148-790**
0R68 = **148-766** 10R = **148-773** 100R = **148-779** 1K = **148-785** 10K = **148-791**
1R = **148-767** 15R = **148-774** 150R = **148-780** 1K5 = **148-786**
2R2 = **148-769** 22R = **148-775** 220R = **148-781** 2K2 = **148-787**
3R3 = **148-770** 33R = **148-776** 330R = **148-782** 3K3 = **148-788**

rp83

Order Multiple=5 Order Code	Price Each 5+	50+	100+	500+
.Values 0R33 to 3R3				
.Values 4R7 to 1K				
.Values 1K5 to 10K				

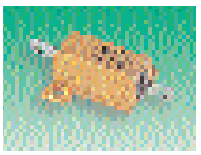
Aluminium Clad Wirewound

Aluminium clad resistors for applications where high wattage dissipation in a small space is required. The housing is aluminium with terminals of solder coated copper.

The resistive element of tape or wire is wound on a high grade ceramic former and welded to axial terminations. The assembly is encapsulated in an aluminium heat sink, which ensures good heat dispersal and a low hot-spot temperature. Power ratings specified derate linearly from full load at 20°C to zero at 200°C.

WH Series

Welwyn



WH5

WH50

- Hard anodised aluminum clad wirewound resistors
- Fully approved to **CECC 40203-006**
- Complete environmental protection

Dimensions:
WH5 H = 9, W = 8.9, L = 17 (Body) Fixing centres = 12.5 11.3, Termination L = 6.3
WH10 H = 11, W = 12.4, L = 21 (Body) Fixing centres = 15.9 14.3, Termination L = 7.4
WH25 H = 15, W = 14.5, L = 29 (Body) Fixing centres = 19.9 18.3, Termination L = 10.4
WH50 H = 17, W = 16.1, L = 51 (Body) Fixing centres = 21.5 39.7, Termination L = 10.4

10 Watt – WH5 Series

- Approved to **CECC 40203-006/AA**

Power rating @ 20°C		Insulation resistance	10,000MΩ
with heatsink	10W	Surface temperature rise (°C/Watt)	22.2
without heatsink	5.5W	Voltage rating	160V ac
Tolerance	±5%	Operating temperature	–55°C to +200°C
Temperature coefficient	±75ppm/°C(<10Ω) ±50ppm/°C(≥10Ω)		

Stocked in the following OHMIC Values:

0R1 = **344-321** 3R3 = **344-400** 47R = **344-485** 560R = **327-0890**
0R3 = **344-333** 4R7 = **344-412** 56R = **344-503** 680R = **344-590**
R33 = **327-0865** 6R8 = **344-424** 68R = **344-515** 1K5 = **327-0907**
0R47 = **344-345** 10R = **344-436** 100R = **344-527** 2K2 = **327-0919**
0R68 = **344-357** 15R = **327-0889** 120R = **344-539** 3K3 = **327-0920**
1R = **344-369** 22R = **344-448** 150R = **344-540**
1R5 = **344-370** 27R = **344-450** 220R = **344-552**
2R2 = **344-382** 33R = **344-461** 270R = **344-564**
2R7 = **344-394** 43R = **344-473** 330R = **344-576**

RP8

Order Code .All Values	Price Each 1+	20+	50+	100+	500+

15 Watt – WH10 Series

- Approved to **CECC 40203-006/BA**

Power rating @ 20°C		Insulation resistance	10,000MΩ
with heatsink	15W	Surface temperature rise (°C/Watt)	19.4
without heatsink	8.0W	Voltage rating	265V ac
Tolerance	±5%	Operating temperature	-55°C to +200°C
Temperature coefficient	±75ppm/°C (<10Ω) ±50ppm/°C (≥10Ω)		

Stocked in the following OHMIC Values:

0R1 = **344-606** 2R2 = **327-0944** 47R = **344-771** 330R = **327-0993**
0R2 = **344-618** 3R = **344-692** 50R = **327-0968** 470R = **344-850**
R22 = **327-0932** 3R3 = **344-709** 56R = **327-0970** 560R = **327-1006**
0R25 = **344-620** 4R7 = **344-710** 68R = **344-795** 680R = **327-1018**
0R33 = **344-631** 5R = **344-722** 100R = **344-801** 1K = **344-862**
0R47 = **344-643** 10R = **344-734** 120R = **344-813** 1K5 = **327-1020**
0R5 = **344-655** 12R = **327-0956** 150R = **327-0981** 2K2 = **327-1031**
1R = **344-667** 15R = **344-746** 220R = **344-825** 3K3 = **344-874**
1R5 = **344-679** 20R = **344-758** 240R = **344-837** 4K7 = **327-1043**
2R = **344-680** 22R = **344-760** 270R = **344-849** 5K = **344-886**

RP9

Order Code .All Values	Price Each 1+	20+	50+	100+	500+

continued

Linear Dimensions

All linear dimensions appear in (mm) unless otherwise stated.