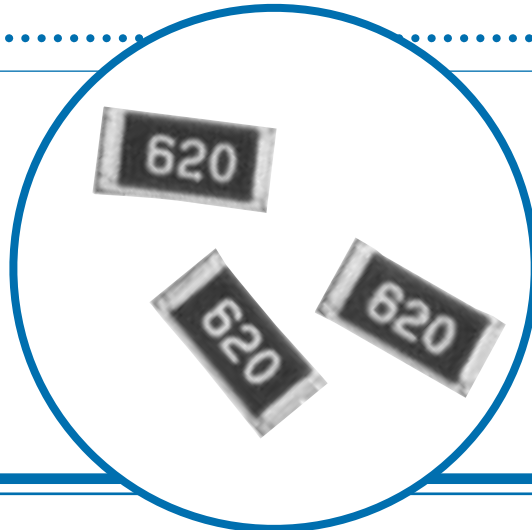


Fusing Surface Mounted Resistors

FCR Series

- **Fuses under overload conditions**
- **Flow or re-flow soldering**
- **Excellent stability**



Electrical Data

		FCR 1/4	FCR 1/2
Power Rating @ 70°C	watts	0.25	0.5
Resistance range	ohms	10R - 300R	10R - 100R
TCR	ppm/°C	±500	±500
Resistance tolerance	%	±5	±5
Ambient temperature range	°C	-55 to 125	
Values		E24 preferred	
Max standoff voltage		100V	

Fusing Characteristics

		FCR 1/4		FCR 1/2
Resistance	ohms	10R - 27R	30R - 300R	10R - 100R
Fusing power	watts	3.75	3.00	4.50
Fusing time		1 to 60 seconds		

Physical Data

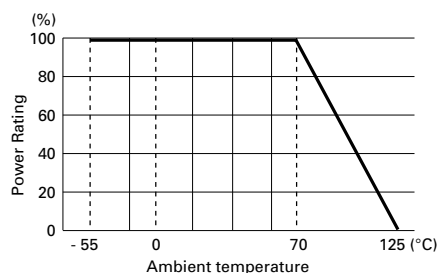
Dimensions (mm)					
Type	L	W	A	T	
FCR 1/4	3.20 ±0.15	2.60 ±0.15	0.50 ±0.20	0.55 ±0.15	
FCR 1/2	5.00 ±0.15	2.50 ±0.15	0.60 ±0.25	0.55 - 0.05 +0.1529	

Power Rating

For resistors operated in ambient temperatures above 70°C. Power rating must be derated in accordance with the derating curve.

Packaging

Parts supplied Tape and Reel 5000 pieces per 7" reel as per IEC 286-3.



General Note

Welwyn Components reserves the right to make changes in product specification without notice or liability. All information is subject to Welwyn's own data and is considered accurate at time of going to print.

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