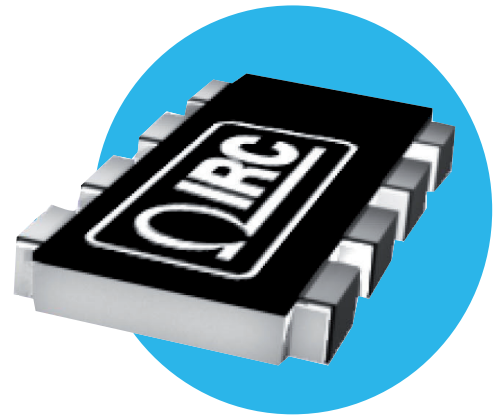


WCA Series

WCA Series

- 8 Terminal package with 4 isolated resistors
- Automatic Placement Capabilities
- Operating Temperature -55°C to +125°C
- Wrap-around, 100% Tin (Pb-free) Terminations



OBSOLETE

All parts are Pb-free and comply with EU Directive 2011/65/EU (RoHS2)

Specifications

Resistance Range	1% 22Ω - 1MΩ 5% 10Ω - 1MΩ zero ohm jumper
Operating Temperature Range	-55°C to +125°C
Temperature Coefficient	±200ppm/°C
Power Dissipation (@70°C)	0.65 Watts
Maximum Working Voltage	50 Volts

Environmental Data

Test	Maximum ΔR
Thermal Shock	±1.0%
Short Time Overload	±1.0%
High Temperature Exposure	±3.0%
Resistance to Solder Heat	±1.0%
Moisture Resistance	±2.0%
Load Life	±3.0%
Low Temperature Operation	±0.5%
Solderability	95% Coverage

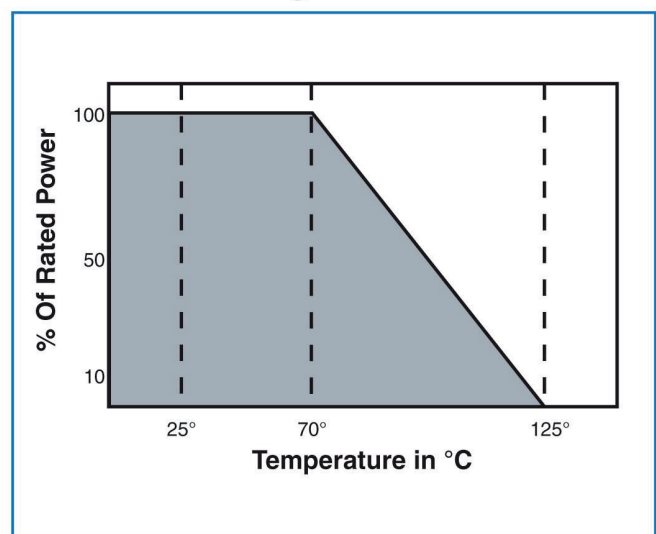
Dimensions

SCHEMATIC

R1 = R2 = R3 = R4

L	0.126" ±0.008
A	0.024" ±0.006
B	0.012" ±0.008
D	0.016" ±0.006
P	0.031" ±0.008
W	0.063" ±0.008
T	0.016" ±0.004

Power Derating Data



General Note

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

Ordering Data

Prefix	WCA	-	08	04LF	-	102	-	J	PLT
Terminal Count									
08 = 8 pins									
Resistor Count									
04 = 4 Isolated Resistor									
LF= Lead Free Only									
Resistance Value									
Three digit EIA E-24 resistance values									
Example: 102 = 1000 ohms									
Tolerance									
J = ±5% F= 1%									
Packaging									
Paper Tape, Tape & Reel (5000/reel)									

For additional information or to discuss your specific requirements, please contact our Applications Team using the contact details below.

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