

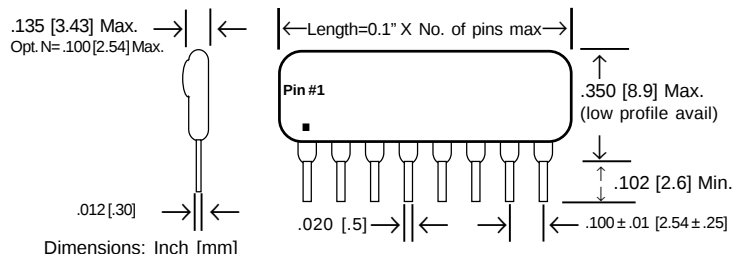
CAPACITOR AND RESISTOR/CAPACITOR NETWORKS

RC SERIES



Term.W is
RoHS
compliant
& 260°C
compatible

- Widest selection in the industry!
- Low cost resulting from automated production
- PCB space savings over discrete components
- Custom circuits available
- Exclusive **SWIFT™** delivery available (refer to DSN series)
- Options include voltage ratings to 2KV, multiple values, custom marking, low profile & narrow profile designs, diodes, etc.



SPECIFICATIONS

RESISTORS

Resistance Range: 22Ω to 1MΩ standard, 1Ω to 100M avail.
Tolerance: ±5% standard, ±2% and ±1% available
Temp. Coefficient: ±100ppm typ (±250ppm <50Ω & >2.2M)
Voltage rating: 50V (up to 1KV available)
Operating Temp: -55° C to +125°C
Power Rating: .2W @25°C (package power = .125W/pin)

CAPACITORS

Capacitance Range: 10pF to 0.1μF standard, 0.5pF to 10μF avail.
Voltage rating: 50V standard, 6.3V to 2KV available
Dielectric: COG(NPO), X7R, X5R, Y5V, Z5U*
Standard capacitance values & dielectrics: refer to table below (most popular models listed in bold). Any combination of chips from RCD's CE Series can be utilized on a custom basis.

P/N CODE	CAP. VALUE	TOL.	TYPE	VOLTAGE
100KG	10pF	10%	NPO/COG	50V
220KG	22pF	10%	NPO/COG	50V
330KG	33pF	10%	NPO/COG	50V
470KG	47pF	10%	NPO/COG	50V
560KG	56pF	10%	NPO/COG	50V
680KG	68pF	10%	NPO/COG	50V
101KG	100pF	10%	NPO/COG	50V
151KG	150pF	10%	NPO/COG	50V
221KG	220pF	10%	NPO/COG	50V
331KG	330pF	10%	NPO/COG	50V
471KG	470pF	10%	NPO/COG	50V
561KG	560pF	10%	NPO/COG	50V
681KG	680pF	10%	NPO/COG	50V
102MR	1000pF	20%	X7R	50V
222MR	2200pF	20%	X7R	50V
472MR	4700pF	20%	X7R	50V
103MR	.01μF	20%	X7R	50V
223ZV	.022μF	+80%/-20%	Y5V*	50V
333ZV	.033μF	+80%/-20%	Y5V*	50V
473ZV	.047μF	+80%/-20%	Y5V*	50V
683ZV	.068μF	+80%/-20%	Y5V*	50V
104ZV	0.1μF	+80%/-20%	Y5V*	50V

* Y5V is standard, Z5U is available (Y5V & Z5U are considered interchangeable)

RCD Components Inc, 520 E. Industrial Park Dr, Manchester, NH, USA 03109 rcdcomponents.com Tel: 603-669-0054 Fax: 603-669-5455 Email: sales@rcdcomponents.com

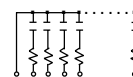
FA100 Sale of this product is in accordance with GF-061. Specifications subject to change without notice.



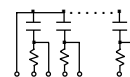
RESISTORS • CAPACITORS • COILS • DELAY LINES



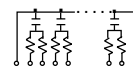
STANDARD SCHEMATICS (Custom circuits available)



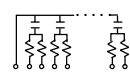
RC-01
(4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14 pin)



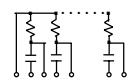
RC-02
(5, 7, 9, 11, 13 pin)



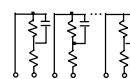
RC-03
(5, 7, 9, 11, 13 pin)



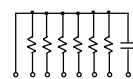
RC-04
(5, 7, 9, 11, 13 pin)



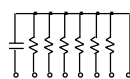
RC-05
(5, 7, 9, 11, 13 pin)



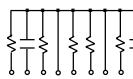
RC-06
(4, 6, 8, 10, 12, 14 pin)



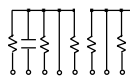
RC-07
(8 pin)



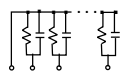
RC-08
(8 pin)



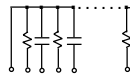
RC-09
(10 pin)



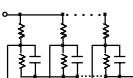
RC-10
(10 pin)



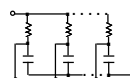
RC-11
(4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14 pin)



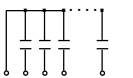
RC-12
(5, 7, 9, 11, 13 pin)



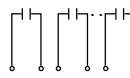
RC-13
(4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14 pin)



RC-14
(4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14 pin)



RC-15
(4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14 pin)



RC-16
(4, 6, 8, 10, 12, 14 pin)

P/N DESIGNATION: RC 08 01 - 102 J 561 K G W

Type (RC Series) _____
Number of Pins (4 -14 std, 2 -20 avail) _____
Configuration Number _____
Options: assigned by RCD, leave blank if std _____
Resis.Code (Ω) 2 signif. figures & multiplier, (e.g. 100=100Ω, 101=100Ω, 102=1K, 105=1M) _____
Resistor Tol. Code: J=5% (standard), G=2% _____
Capac. value (pF) 2 signif. figures & multiplier, e.g. 100=10pF, 101=100pF, 102=1000pF, 104=100000pF (.1μF) _____
Capac. Tol. Code: J=5%, K=10%, M=20%, Z=+80%/-20% _____
Cap. Voltage (if other than std 50V): 006=6.3V, 010=10V, 016=16V, 025=25V, 101=100V, 201=200V, 501=500V, 102=1KV, 202=2KV. _____
Cap. Dielectric: G=COG(NPO), R=X7R, X=X5R, U=Z5U, V=Y5V _____
Termination: W= Lead-free, Q= Tin/Lead (leave blank if either is acceptable) _____