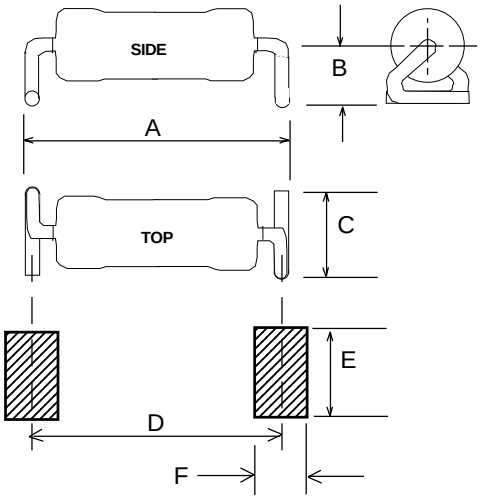
Option ZZ
Lead Forming

RESISTORS•CAPACITORS•COILS•DELAY LINES

Available on RCD's axial-lead resistor and inductor models from 1/2W to 5W body sizes (up to 50W available on custom basis).



Recommended Pad Layout *

RCD TYPE	A	B	C	D	E	F
SMALL (RCD type 133, 135, 232, AL05, ATB206, BW2F, CC1/2, CF100, CF100S, CFZ75, CFZ100, F2S, GP65, FP65, MA206, MF60, PCN1S, PF0410, PMF1/8, PMF1/4S, P0410, PR1/2, RG1S, RH1/2, RMF2, RSF1B, RW1, & RW2)	.625 ± .024 [15.88 ± .6]	.165 ± .032 [4.19 ± .8]	.260 ± .032 [6.6 ± .8]	.598 [15.2]	.315 [8]	.157 [4]
MEDIUM (RCD type 140, 150, 155, 235, 255, BW3F, CC1, CF200S, CFZ200, F3S, FP70, GP70, HM65, MF65, PCN2S, PMF1/4, PR1, RG1, RH1, RMF3, RSF2B ,& RW3	.825 ± .032 [20.95 ± .8]	.165 ± .036 [4.19 ± .9]	.300 ± .032 [7.6 ± .8]	.793 [20.1]	.355 [9]	.157 [4]
LARGE (RCD type 156, 160, ATS160, CF300, CFZ300, HM70, MF70, PCN2, PMF1/2, PR2, Q70, RMF5S, RW5, & SA102	1.07 ± .04 [27.18 ± 1.0]	.200 ± .04 [5.1 ± 1]	.260 ± .032 [6.6 ± .8]	1.035 [26.3]	.315 [8]	.157 [4]

* **Application Note**: Give due consideration to PCB layout, ambient temperature, and air convection to ensure that the component body, solder joints, and PCB surface do not exceed respective temperature ratings. Most resistor products, especially miniature body sizes and power types are designed to run fairly hot at full rated power. Traditionally these through-hole parts would be raised well above the circuit board to prevent PCB charring or solder joint fatigue. Use of shorter lead lengths and reduced PCB clearance associated with Option ZZ forming may require power derating. It is generally advisable to increase mounting pad dimensions to act as heat sinks in the event that applied power exceeds 60% of rating.

P/N DESIGNATION: **160 □ - 102 - J T ZZ □ W**

RCD Type

Product Options: refer to individual data sheet (leave blank if standard)

Resis. Code: ≤1%: 3 signif. figures & multiplier, e.g. R100= 0.1Ω, 1R00= 1Ω,1000= 100Ω, 1001= 1KΩ.
Resis. Code 2% - 10%: 2 signif. figures & multiplier, e.g. R10= 0.1Ω, 1R0= 1Ω,100= 10Ω, 102= 1KΩ.
Resis. Code <0.1Ω: regardless of tolerance, list value using 'R' as decimal, e.g. R0025, R005, R01, R015, etc.

Tolerance: K=10%, J=5%, H=3%, F=1%, D=0.5%, C=0.25%, B=0.1%, A=0.05%, Q=0.02%, T=0.01%, V=.005%

Packaging: B= Bulk, T= T&R

Lead Forming Option: ZZ= 'Z' shape lead forming

Optional Temp. Coef: (leave blank if standard) 5 = 5ppm, 10 = 10ppm, etc; 100pm and above use 3-digit code 101 = 100ppm, etc.

Termination: W= Lead-free, Q= Tin/Lead (leave blank if either is acceptable)

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