Coil Resistors

Performance Specification

Temperature Coefficient	±200PPM/C depends on resistance value.
Short Time Overload	±(5%+0.05Ω) Max, with on evidence of mechanical damage.
Resistance to Soldering Heat	±(1%+0.05Ω) Max, with on evidence of mechanical damage.
Load Life	±(5%+0.05Ω) Max, with on evidence of mechanical damage.
Load Life in Humidity	±(5%+0.05Ω) Max, with on evidence of mechanical damage.

Ordering Procedure: Ex.: Coil Type A, ϕ1.6mm,+/-5%, 230mΩ, B/B

C S C A 1 6 J 2 3 0 L B 0 0

Type:
CSCA = Coil Type A (Normal)
CSCB = Coil Type B (Kink)
CSCC = Coil Type C (Alignment)

Wire diameter:
08 = Ø0.8
10 = Ø1.0
16 = Ø1.6
20 = Ø2.0

Resistance Value:
• "L" decimal point
Ex.: 5L00 = 5mΩ
5L50 = 5.5mΩ
25L5 = 25.5mΩ
255L = 255mΩ

Packing Type:
B = Bulk/Box

Tolerance:
J = ±5%
K = ±10%

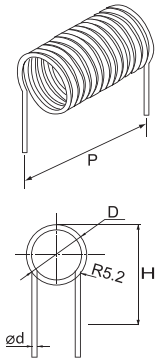
Packing Qty:
0 = Bulk/Box

Additional Information:
0 = NIL

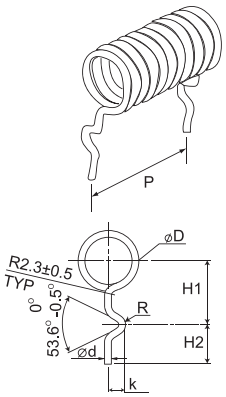
Features

- Low resistance value with high current withstand
- Compatible with automotive part
- Customized product
- Stable performance and perfect reliability

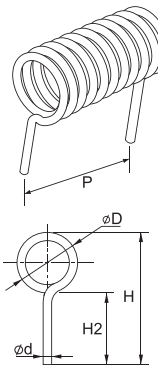
Coil A



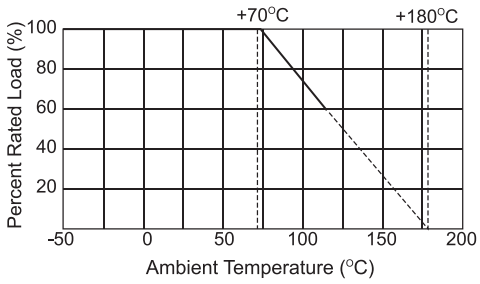
Coil B



Coil C



Derating Curve



Type	Wire diameter (mm)	Rated Current (A)	Resistance Range	Operating Temperature	Remark
Coil A Coil B Coil C	0.8	4.5	5mΩ ~ 50mΩ	-55°C ~ +180°C	Info needed: a.) Ohmic value b.) Rated current (amp) Optional: a.) Pitch b.) Leadwire diameter
	1.0	5.5	3mΩ ~ 30mΩ		
	1.6	9.5	3mΩ ~ 15mΩ		
	2.0	12	3mΩ ~ 10mΩ		

RoHS Compliant