

PREFACE: We recommend our customers to provide drawings or description of their own inductors. Any document received will be used solely under the customer's orders and will receive strict confidentiality.

We have devised the following part number system trying to cover the most common features of air wound inductors. Any feature not included should be specified and supported with a drawing and /or description.

NOTE: Every part number generated with this system represents specific dimensions and features. Any adjustment to the part will result in a change of the part number. If your systems require your part number to remain the same through out any adjustments then you need to provide your own part number.

AWC-XXX-YYZZ-ABBC-DD-EE

Air Wound Coil _____

Diameter of the coil (Internal Diameter) _____

Wire gauge _____

Type of wire _____

S, H: Class 155° Copper - Polyurethane, NEMA Std. MW 80-C

Use **S** for Single coating or **H** for Heavy coating

(Add the letter that specifies the wire color right after letter **S** or **H**)

R: Red (Regular), **G:** Green, **N:** Natural(Transparent), **B:** Blue (discontinued)

Examples: Single coating Red = **SR**, Heavy coating Green = **HG**

B: Class 105°, MW 29-C, Polyurethane, Self-Bonding overcoated.

Add **R** for Red, or **N** for Natural. Example: Self-Bondable Red = **BR**

P: Class 200° - Polyester, NEMA Std. MW 35-C (Coating: Single, Heavy, Triple)

I: HML, Class 240° - Polyimide, NEMA MW 16-C (Coat. Single, Heavy, Triple, Quad.)

G: Gold Plated (Over Ni) Copper Wire (MILG45204 TYPE I)

SI: 99.9% pure Silver Wire

SP: Silver Plated Copper Wire -- ASTM B298 -- OFHC Copper

Winding Direction _____

C: Clockwise

A: Anti-clockwise

Number of turns (3.5 becomes 4, Some lead configurations have half turns) _____

Winding Separation _____

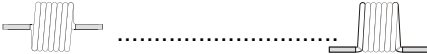
C: Close Wound (no separation between turns)

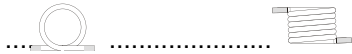
S: Spread - The separation between turns is equal to the wire diameter


M: Multilayer

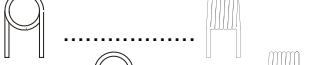
Lead configuration _____

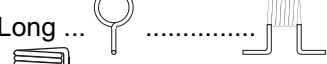
00: Specified by Customer's Drawing


01: Axial surface mount leads - 0.4" long 

02: Radial surface mount leads - 0.4" long 

03: Through-hole centered - 0.4" Long 

04: Through-hole offset - 0.4" Long 

05: Suspended axial surface mount - 0.4" Long ... 

06: Vertical Through-hole - 0.4" Long 

Type of solder for tinning _____

LF: Lead Free Solder (RoHS Compliant) (Composition: Sn96.3Ag3.7)

NS: No Solder (No Tinning)

SP: Specified by customer.

NOTE: -Leads are tinned as close to the coil as possible unless otherwise specified.