

FASTRON helps streamline your design process with Engineer's Kits. Each value compartment is labelled and removable for ease of handling. Values in the Engineer Kit may vary based upon product availability.

## Chip Inductor AS



### 0402AS Chip Inductor (Ceramic Core)

EK-0402AS-Std STD tol  
EK-0402AS-J 5% tol  
EK-0402AS-G 2% tol  
Inductance: 0.9nH-220nH  
28 values, 10 pieces each

### 0603AS Chip Inductor (Ceramic Core)

EK-0603AS-Std STD tol  
EK-0603AS-J 5% tol  
EK-0603AS-G 2% tol  
Inductance: 1.2nH-1200nH  
28 values, 10 pieces each

### 0805AS Chip Inductor (Ceramic Core)

EK-0805AS-Std STD tol  
EK-0805AS-J 5% tol  
EK-0805AS-G 2% tol  
Inductance: 2.7nH -1000nH  
28 values, 10 pieces each

### 1008AS Chip Inductor (Ceramic Core)

EK-1008AS-Std STD tol  
EK-1008AS-J 5% tol  
EK-1008AS-G 2% tol  
Inductance: 4.7nH-12000nH  
28 values, 10 pieces each

## 1206AS Chip Inductor (Ceramic Core)

EK-1206AS-Std STD tol  
EK-1206AS-J 5% tol  
EK-1206AS-G 2% tol  
Inductance: 3.3nH-1200nH  
28 values, 10 pieces each

## 1210AS Chip Inductor (Ceramic Core)

EK-1210AS-Std STD tol  
EK-1210AS-J 5% tol  
EK-1210AS-G 2% tol  
Inductance: 10nH-15000nH  
28 values, 10 pieces each

## 1812AS Chip Inductor (Ceramic Core)

EK-1812AS-Std STD tol  
EK-1812AS-J 5% tol  
EK-1812AS-G 2% tol  
Inductance: 0.015uH-82uH  
19 values, 10 pieces each

## Chip Inductor AQ



### 0603AQ Chip Inductor Exceptionally High Q (Ceramic Core)

EK-0603AQ-Std STD tol  
Inductance: 0.15nH-220nH  
16 values, 10 pieces each

### 0805AQ Chip Inductor Exceptionally High Q (Ceramic Core)

EK-0805AQ-Std STD tol  
EK-0805AQ-G 2% tol  
Inductance: 2.5nH-56nH  
16 values, 10 pieces each

## Chip Inductor F



### 0402F Chip Inductor (Ferrite Core)

EK-0402F-K 10% tol  
EK-0402F-J 5% tol  
Inductance: 20nH-270nH  
12 values, 10 pieces each

### 0603F Chip Inductor (Ferrite Core)

EK-0603F-K 10% tol  
EK-0603F-J 5% tol  
Inductance: 47nH-2200nH  
17 values, 10 pieces each



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**0805F** Chip Inductor  
(Ferrite Core)

EK-0805F-K 10% tol  
EK-0805F-J 5% tol  
Inductance: 0.68uH-22uH  
18 values, 10 pieces each

**1008F** Chip Inductor  
(Ferrite Core)

EK-1008F-K 10% tol  
EK-1008F-J 5% tol  
Inductance: 1.0uH-100uH  
21 values, 10 pieces each

**1206F** Chip Inductor  
(Ferrite Core)

EK-1206F-K 10% tol  
EK-1206F-J 5% tol  
Inductance: 1uH-100uH  
14 values, 10 pieces each

**1210F** Chip Inductor  
(Ferrite Core)

EK-1210F-K 10% tol  
EK-1210F-J 5% tol  
Inductance: 0.1uH-1000uH  
28 values, 10 pieces each

**Chip Inductor AF**



**1812AF** Chip Inductor  
(Ceramic & Ferrite Core)

EK-1812AF-K 10% tol  
EK-1812AF-J 5% tol  
Inductance: 3.9uH-2200uH  
26 values, 10 pieces each

**Shielded Chip Ind. FPS**



**1212FPS** Chip Inductor  
Shielded (Ferrite Core)  
EK-1212AF-Std STD tol  
Inductance: 1.0uH-100uH  
12 values, 3 pieces each

**Shielded Chip Ind. FPS**



**1616FPS** Chip Inductor  
Shielded (Ferrite Core)  
EK-1616AF-Std STD tol  
Inductance: 0.82uH-220uH  
18 values, 3 pieces each

**242408FPS** Chip Inductor  
Shielded (Ferrite Core)  
EK-242408AF-Std STD tol  
Inductance: 0.5uH-47uH  
13 values, 3 pieces each

**242418FPS** Chip Inductor  
Shielded (Ferrite Core)  
EK-242418AF-Std STD tol  
Inductance: 1.0uH-220uH  
21 values, 3 pieces each

**Transponder Coils**



**1812AFTC** Transponder Coil  
(Ceramic & Ferrite Core)  
EK-1812AFTC-K 10% tol  
Inductance: 0.40mH-7.36mH  
10 values, 10 pieces each

**Transponder Coils**



**4408AF** Transponder Coil  
(Ceramic & Ferrite Core)  
EK-4408AF-K 10% tol  
EK-4408AF-J 5% tol  
Inductance: 0.37mH-16.2mH  
19 values, 10 pieces each

**Transponder Coils**



**4408AQ** Transponder Coil  
Exceptionally High Q  
(Ceramic & Ferrite Core)  
EK-4408AQ-Std STD tol  
Inductance: 0.70mH-13.5mH  
13 values, 10 pieces each

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## Power Inductor



### PISG Power Inductor

Leadfree Tinned Terminal  
(Ferrite Core, Ceramic Base)  
EK-PISG-M 20% tol  
Inductance: 1.0uH-10000uH  
19 values, 3 pieces each

### PISL Power Inductor

(Ferrite Core, Plastic Base)  
EK-PISL-M 20% tol  
Inductance: 15uH-6800uH  
12 values, 3 pieces each

### PISM Power Inductor

(Ferrite Core, Plastic Base)  
EK-PISM-M 20% tol  
Inductance: 1.0uH-2200uH  
19 values, 3 pieces each

### PISP Power Inductor

(Ferrite Core, Plastic Base)  
EK-PISP-M 20% tol  
Inductance: 6.8uH-10000uH  
16 values, 2 pieces each

### PISN Power Inductor

(Ferrite Core, Plastic Base)  
EK-PISN-M 20% tol  
Inductance: 10uH-10000uH  
13 values, 2 pieces each

### PISR Power Inductor

(Ferrite Core, Plastic Base)  
EK-PISR-M 20% tol  
Inductance: 1.0uH-10000uH  
21 values, 2 pieces each

## PIST Power Inductor

(Ferrite Core, Plastic Base)  
EK-PIST-K 10% tol  
Inductance: 10uH-10000uH  
21 values, 2 pieces each

## Power Inductor Shielded



### PISA2408 Power Inductor

Magnetically Shielded  
(Ferrite Core, Plastic Base)  
EK-PISA2408-M 20% tol  
Inductance: 2.9uH-330uH  
20 values, 3 pieces each

### PISA2416 Power Inductor

Magnetically Shielded  
(Ferrite Core, Plastic Base)  
EK-PISA2416-M 20% tol  
Inductance: 4.7uH-1000uH  
25 values, 3 pieces each

### PISA2812 Power Inductor

Magnetically Shielded  
(Ferrite Core, Plastic Base)  
EK-PISA2812-M 20% tol  
Inductance: 1uH-1000uH  
25 values, 3 pieces each

### PISA2816 Power Inductor

Magnetically Shielded  
(Ferrite Core, Plastic Base)  
EK-PISA2816-M 20% tol  
Inductance: 2.2uH-1000uH  
25 values, 3 pieces each

## PISA4119 Power Inductor

Magnetically Shielded  
(Ferrite Core, Plastic Base)  
EK-PISA4119-Std STD tol  
Inductance: 1.0uH-1000uH  
19 values, 2 pieces each

## PISA4716 Power Inductor

Magnetically Shielded  
(Ferrite Core, Plastic Base)  
EK-PISA4716-M 20% tol  
Inductance: 3.3uH-330uH  
23 values, 2 pieces each

## PISA4720 Power Inductor

Magnetically Shielded  
(Ferrite Core, Plastic Base)  
EK-PISA4720-M 20% tol  
Inductance: 1.3uH-1000uH  
28 values, 2 pieces each

## PISA4728 Power Inductor

Magnetically Shielded  
(Ferrite Core, Plastic Base)  
EK-PISA4728-M 20% tol  
Inductance: 1.2uH-1500uH  
28 values, 2 pieces each

**Values in the Engineer's Kit may vary based upon product availability. Fastron reserves the right to make limited value/ tolerance substitutions when necessary. Inductance range will vary. Please advise of required inductance values at time of purchase.**

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