

SUPPLIER OF SOLUTIONS

THE BROADLINE DISTRIBUTOR OF ELECTRONIC COMPONENTS

2013
2014





FASTRON, founded in 1978, is a Germany based company specializing on inductors. With a wide portfolio of inductors is Fastron a reliable partner for high quality and reliable inductors.

 **FASTRON**, založený v roce 1978, je německá společnost specializující se na indukčnost. Díky širokému portfoliu je Fastron spolehlivým partnerem pro vysoce kvalitní a spolehlivé indukčnosti.

 **FASTRON**, gegründet im Jahr 1978, ist ein deutsches Unternehmen, das sich auf Induktivitäten spezialisiert. Dank seinem breiten Portfolio ist Fastron ein zuverlässiger Partner im Bereich hochwertiger und zuverlässiger Induktivitäten.

 A **FASTRON**-t 1978-ban alapították. A német cég induktorokra specializálódott. Széles termékskálájának köszönhetően megbízható partner a jó minőségű és megbízható induktorokkal.

 **FASTRON**, założony w roku 1978, to niemiecka spółka specjalizująca się w produkcji elementów indukcyjnych. Dzięki szerokiej ofercie, Fastron jest niezawodnym partnerem w dziedzinie wysoko jakościowych i niezawodnych elementów indukcyjnych.

 **FASTRON**, fondată în 1978, este o companie cu sediul în Germania, specializată în producția de inductoare. Cu un portofoliu larg de inductoare, Fastron este un partener de încredere pentru inductoare de înaltă calitate și fiabilitate.

 **FASTRON**, založený v roku 1978, je nemecká spoločnosť špecializujúca sa na indukčnosť. Vďaka širokému portfóliu je Fastron spoľahlivým partnerom pre vysoko kvalitné a spoľahlivé indukčnosť.

In a wide range of Fastron products can be found miniature SMT inductors, leaded inductors, chokes, power inductors, wide band chokes, RFID transponder coils and many other.

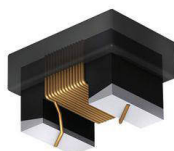
Among strengths of Fastron inductors belong wide portfolio, many specialized types for special applications (for example RFID transponders), stable parameters and a long-term availability.

Why FASTRON?



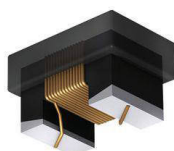
- wide portfolio
- excellent quality
- stable availability

0805AS Series



Material: Ceramic
DC-Current Range: 60mA to 600mA
Inductance Range(L): 2.7nH to 10000nH
Self Resonant Frequency: 35MHz to 6000MHz
Dimensions: 2,30 x 1,8 x 1,6 mm

0805F Series



Material: Ferrite
DC-Current Range: 97 mA to 450 mA
Inductance Range(L): 0.68 μ H to 22 μ H
Self Resonant Frequency: 30 MHz to 350 MHz
Dimensions: 2,30 x 1,8 x 1,6 mm

PIS 2408, 2812, 4716, 4720 Series



Material: Ferrite
DC-Current Range: 0.16 to 4.5A
Inductance Range(L): 2.9 μ H to 1000 μ H
Dimensions: standard SMT sizes

PISM Series



Material: Ceramic
DC-Current Range: 0,65 A to 6,9 A
Inductance Range(L): 1 μ H to 1000 μ H
Self Resonant Frequency: 1,7MHz to 115MHz
Dimensions: 13x9,55x5,35mm

SMCC Series



Material: Phenolic/Ferrite
DC-Current Range: 25mA to 1600mA
Inductance Range(L): 10000 μ H to 0.1 μ H
Self Resonant Frequency: 0.35MHz to 380MHz
Dimensions: D4xL9,5mm

09P Series



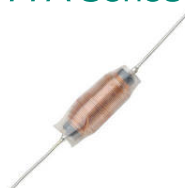
Material: Ferrite
DC-Current Range: 50mA to 5000mA
Inductance Range(L): 33000 μ H to 1.0 μ H
Dimensions: D9,5 x L14,0 mm

06H Series



Material: Ferrite
Impedance: ...1000 Ω
Self Resonant Frequency: ...500MHz
Dimensions: 10,5 x 6,3 mm

77A Series



Material: Ferrite
DC-Current Range: 0.3A to 12A
Inductance Range(L): 10000 μ H to 3.9 μ H
Dimensions: D11xL26mm

Also available many other models



FASTRON, the Inductor's Manufacturer offers a wide Portfolio in Inductors for industrial and commercial Application in our Product Catalogue and website.

They provide a complete Range in **Chip Inductor** Series from 0402 to 1812 size. These series are copper wire wound Inductors. A goldflash pad-metallization allows an excellent SMT-Reflow soldering result. Core material Ceramic (AS-Type) or Ferrite (F-Type) for individual magnetic requirements.

RFID **Transponder-coil** models 4408AF, 4513FP and 1812AFTC are offered for Application in contactless data transfer, such as Tyre pressure monitoring , keyless entry, Car immobilizer. Therefore, many of the FASTRON Inductors are qualified reg. Automotive AEC-Q200 Requirements.

An attractive Range of **SMD-Power Inductors** (PIS) is available in magnetically shielded and non-shielded version.

The **1212FPS** Chip Power Inductor extends the Range by a tiny shielded Model in case size 3x3mm, only 1,5mm high.

For EMI/ EMV Requirements, there are **Ferrite-BEAD** in SMD (SMB) and THT (BEAD 4, 8, 10, 92, 06H) for wideband suppression.

The **CCSH and CCSS**- molded Series in SMD offer the same performance for RF-Inductors than the basic Inductor Family SMCC and HBCC.

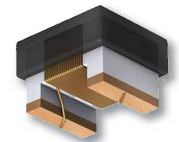
The 10 leaded Models **MICC to XHBCC** with a washable Epoxy coating, content Phenolic Cores (MICC, SMCC) and Ferrite Cores for Application in RF-Filter, Sensor, Circuit protection, LED-Lighting and EMI/ EMV.

The 9 Models **MISC to 77A**, made in a single Layer winding with Insulation Foil, provide a huge component range for UKW-Suppression as well in Power-Line 230Volt.

Radial Inductors **07P, 07HCP, 09P, 11P, 11PHC** (07P, 09P come in Tube and Cap /F- version) cover a high power range at smallest base.

A Toroid-Inductor series **TLC** with 7 different rated current up to 10Amp., completes the Product Range.

0805AS



4408AF



PISM



PIS4728



1212FPS



SMB/001



BEAD/92



CCSH



HBCC



MESC



09P



FASTRON is certified on ISO 14001, EN/ ISO 9001, ISO/ TS 16949

Datasheet available from: www.fastrongroup.com

For more details contact your authorised distributor SOS electronic europe.