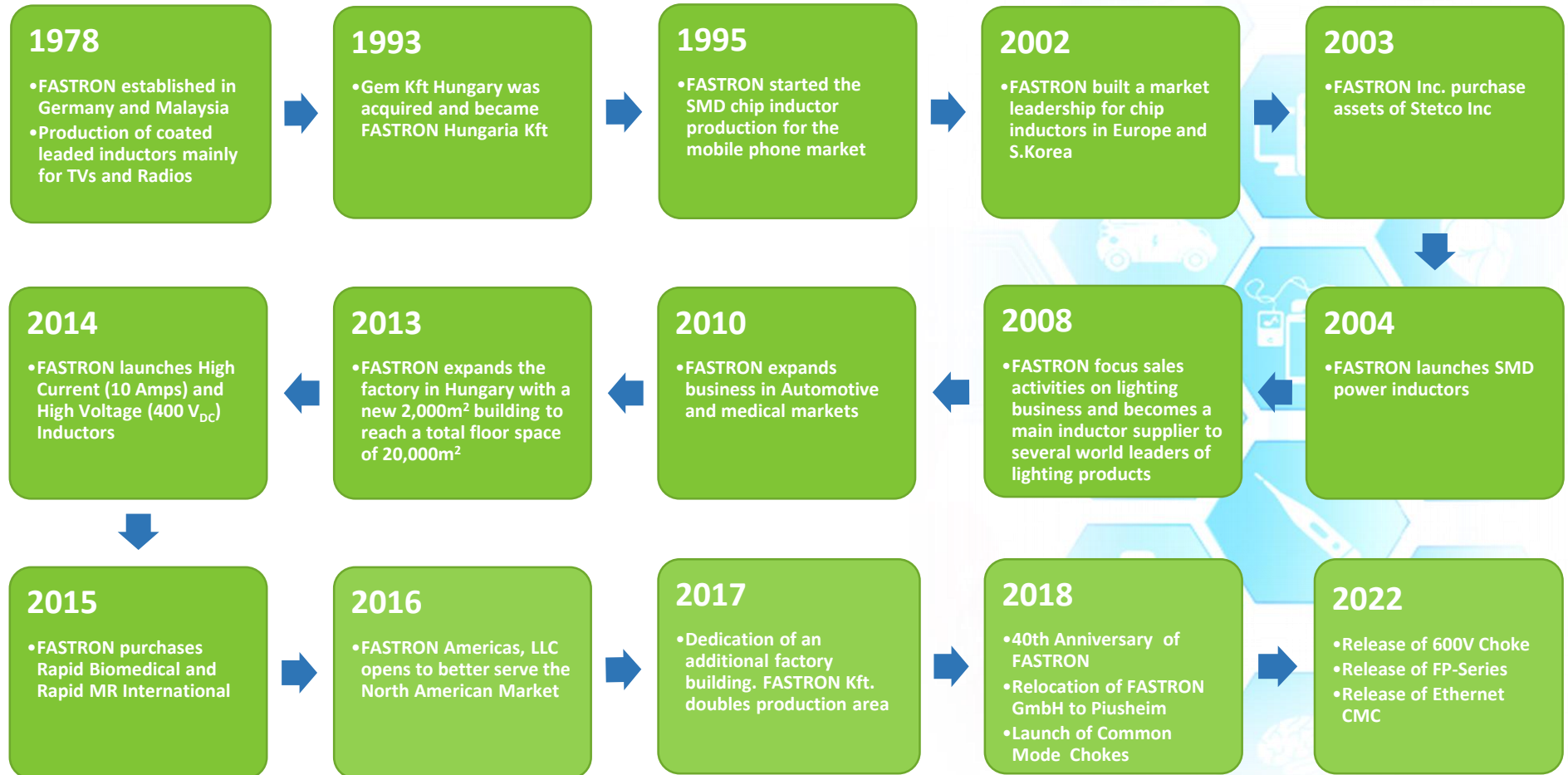


FASTRON Germany Company Presentation

Manfred Rosenlöhner, 29.09.2022

- **Privately owned and completely self funded company**
- **Locations in Germany, Hungary, Malaysia and the US**
- **60 millions EUR in sales (2019)**
- **Supplier status 'A' from our top 10 customers**
- **Website visitors on average > 550 per day**



FASTRON – Penang (Malaysia)



- Established 1978
- Design-Center and production of standard inductors
- Production capacity > 5 million inductors / week
- Approx. 500 employees (before COVID)
- Estimated # of customers > 6,500 (including distribution)
- Quality Management System: (ISO 9001, IATF16949)
- Environmental Management System (ISO 14001)



FASTRON – Tolna (Hungary)

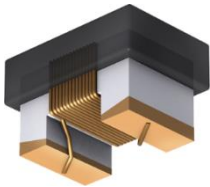
- Established 1993
- Production of Toroid and Rod Core Chokes
- 26,000 m² production space
- Approx. 1,000 employees
- Custom made inductive components
- In-house tool-shop and environmental testing chambers
- Sheet metal fabrication, cable harness, and electrical assemblies
- Quality Management System: (ISO 9001, IATF 16949)
- Environmental Management System (ISO 14001)



Chip Inductors (wire wound)

High Runner!

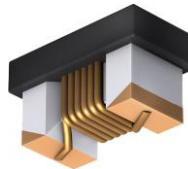
Standard (AS)



Core: Ceramic

Size: 0402, 0603,
0805, 1008,
1206, 1210,
1812

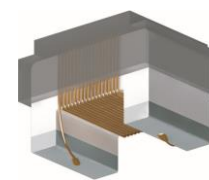
High Q (AQC, AQ)



Core: Ceramic

Size: 0402, 0603,
0805

Non Magnetic (ASM)



Core: Ceramic

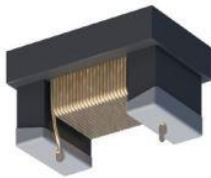
Size: 0402, 0603,
0805, 1008,
1206, 1210,
1812

Chip Inductors (wire wound)

High Runners!

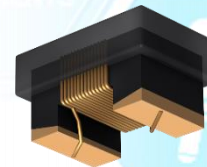


0603FLP



Low Profile Ferrite Core

Ferrite (F,AF)

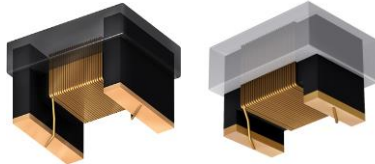


Core: Ferrite

Size: 0402, 0603,
0805, 1008,
1206, 1210,
1812

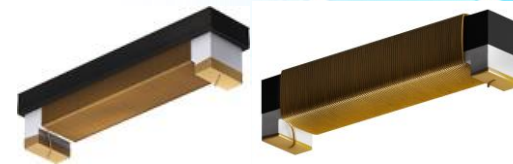
Transponder Coils for RFID & NFC

1210 FTC, 1812 AFTC



Core: Ferrite resp.
Ceramic & Ferrite

4408 AF, 4408 AQ



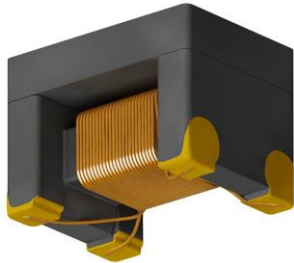
Core: Ferrite

Hot Products!

Common Mode Choke

Hot Products!

1812 CMF *)



Applications: CAN (FD), A2B

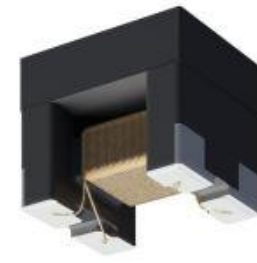


1812 CMF/E



Applications: Ethernet
(100Base-T1),

Preliminary: 1210 CMF

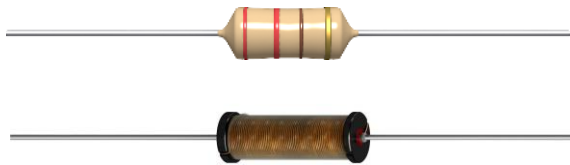


Applications: CAN & Ethernet

*)1812CMF-101X was tested by FTZ according IEC 62228-3, annex D and CiA 110, v. 1.0.0
The Common Mode Choke meets the Limit Classes recommended by VW and BMW

Leaded Inductors

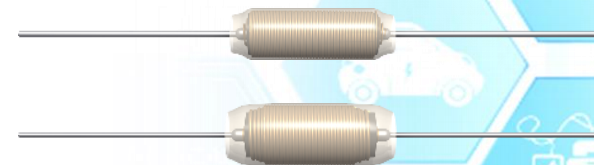
Leaded Chokes



Phenol- and/or
Ferrite Core

MICC, MICCS, SMCC, MECC,
LACC, HACC, HCCC, HBCC,
VHBCC, XHBCC, XHBHV (400V)

Suppression Coils



Iron Dust- and/or Ferrite
Core

MISC*), SMSC*), MESC*),
SMESC*), LASC*), SSSC,
MSSC, LSSC, 77A

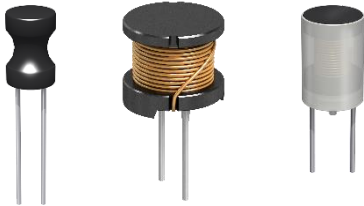


*)Iron Dust Cores! Comparable Chokes by TDK / EPCOS already discontinued



Leaded Inductors

Plugable Inductors



05HCP, 07HCP, 07HVP,
09HCP, 09HVP

with Tube

05HCP/T, 07P, 07HCP/T,
07HVP/T, 09P, 09HCP/T,
09HVP/T, 11P, 11PHC,

with Cap

07P/F, 09P/F

*) HVP for Voltages up to 400VDC

Preliminary



07HCPLP 07HCPLP/T



14HVP 14HVP/T

High Voltage up to 600V

Wide Band Chokes and Beads

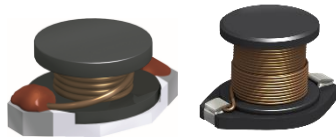


Ferrite Core

06H,
BEAD/4, BEAD/8,
BEAD/10,
BEAD/92
SMB/001, SMB/002

SMT Power Inductors

Power Inductors



Ferrite Core

PISG, PISL, PISM,
PISMHV, SPISM, PISP,
PISPHV, PISN, PISNHV,
PISR, PIST, PISTHV,
PIHV4119

*) HVP for Voltages up to
400VDC

Shielded Power Inductors



Ferrite Core Shielded

PISA2408, PISA2416,
PISA2812, PISA2816,
PISA4119, PISA4716,
PISA4720, PISA4728

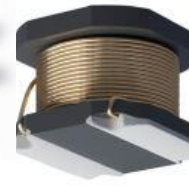
SMT Power Inductors

Chip Inductors for Power Applications



Ferrite Core
Semi-Shielded

1212FPS, 1616FPS,
242408FPS, 242418FPS



Ferrite Core
Unshielded

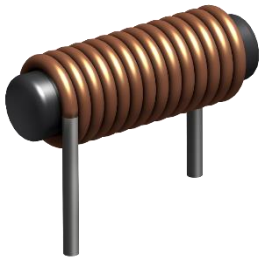
242418FP

Stong Demand!



Rod Core- and Toroid Line Chokes

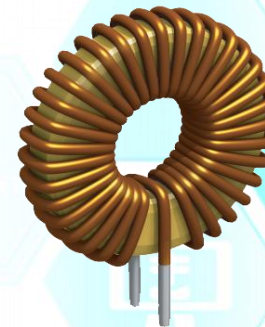
Rod Core Chokes (RCC)



Ferrite Core

3RCC, 4RCC,
5RCC, 6RCC

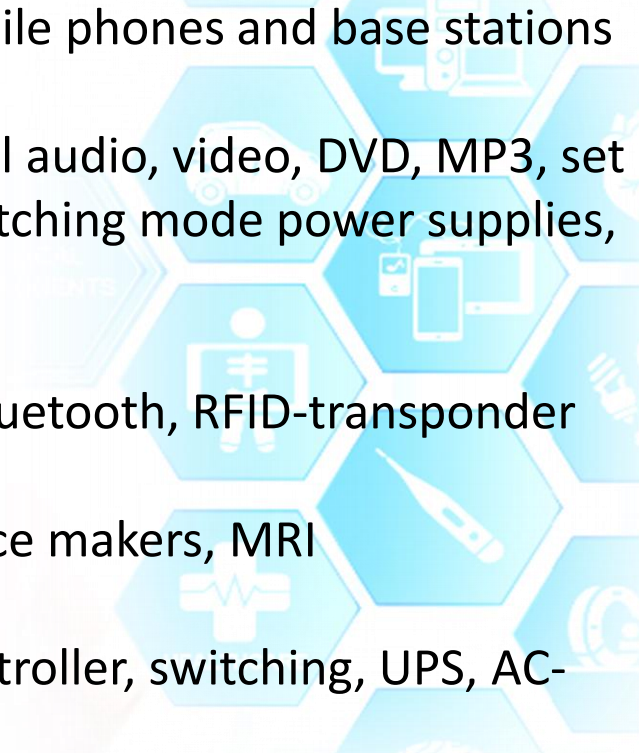
Toroid Line Chokes (TLC)



Ferrite Core

TLC/0.1A, TLC/0.25A,
TLC/0.5A, TLC/1A,
TLC/2.5A, TLC/5A,
TLC/10A

Upon request customized chokes and customer-specific inductors available



Telecom	Antenna, receiver, filter in mobile phones and base stations
Consumer	RF-filter circuits for Hi-Fi, digital audio, video, DVD, MP3, set top box, multimedia tuner, switching mode power supplies, ADSL modems
Wireless	Keyless entry, Wi-Fi, W-LAN, Bluetooth, RFID-transponder
Medical	Scanning equipment, heart-pace makers, MRI
Power Supply	DC-DC converters, voltage controller, switching, UPS, AC-Adapters

Automotive

Electronic suspension, GPS, airbags, xenon headlights, central locking, tire pressure monitoring system, car alarm, ABS, climate control, motor management, multimedia,...

Lighting

Electronic ballast and energy saving lamps, LED

White Goods

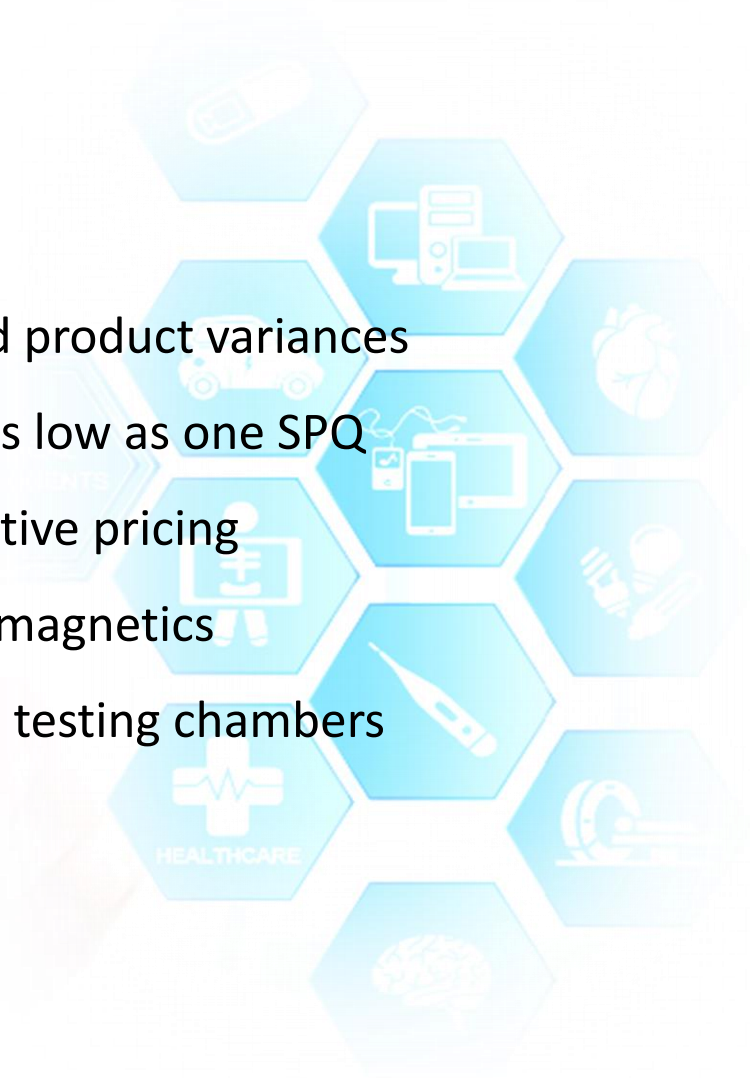
Noise suppression for washing machine power supply, shavers, climate control in refrigerators

Industrial

Noise suppression, energy storage, motor suppression



- Standard product variances
- Orders as low as one SPQ
- Competitive pricing
- Custom magnetics
- In house testing chambers



Newest Datasheets,
Tools and Stock Check
available in Web

Fastron Group
Fine Inductors

40 Years

Home Company Other Divisions Products **Stock Check** Web Tools Free Samples PCN/PDN News Jobs Contact Us

Chip Inductors for RF Applications ^{New!}

Chip Inductors for Power Applications

Common Mode Filter Chip Inductors ^{New!}

RFID Transponder Coils

Leaded Inductors (Fixed Choke Coils)

Suppression Coils

Plugable Inductors (Pin Type Coils)

Wide Band Chokes and Beads

SMD Power Inductors (also Shielded)

Strip Wound Cut Cores

Toroidal Strip-Wound Cores

Rod Core Chokes

Toroid Line Chokes

Standard Metal Enclosures

Stock Check

Multi Part Search

Enter Part Number :

☒ Contains ☐ Exact

Search Hints:

1. Enter a partial or full part number.
2. Widen your search by excluding the tolerance and packing code.
3. The search is not case sensitive.
4. Do not use quotes.
5. Wild card searches are not supported.
6. This is a part number search, not a keyword search. For example: 0805 will be found but the word INDUCTOR will not be found.

Search Results for (07HCP)

Location	Fastron Part Number	Distributor Part Number	Quantity in Stock	As of	Buy it Now!!
AL	07HCP-103K-50	250565	400	2020-09-25	
AL	07HCP-220K-50	250567	204	2020-09-25	
AL	07HCP-330K-50	250568	411	2020-09-25	
AL	07HCP-470K-50	250569	400	2020-09-25	
AL	07HCP-680K-50	250570	200	2020-09-25	
AL	07HCP-222K-50	250578	1105	2020-09-25	
AL	07HCP-101K-50	250580	900	2020-09-25	
AL	07HCP-331K-50	250582	700	2020-09-25	
AL	07HCP-100M-50	250601	200	2020-09-25	
AL	07HCP-1R0M-50	250608	400	2020-09-25	
AL	07HCP-2R2M-50	250609	390	2020-09-25	
AL	07HCP-3R3M-50	250610	300	2020-09-25	
AL	07HCP-6R8M-50	250612	109	2020-09-25	
AL	07HCP-102K-50	250687	300	2020-09-25	
AL	07HCP-152K-50	250688	458	2020-09-25	
AL	07HCP-330M-50	250816	400	2020-09-25	
AL	07HCP-472K-50	251146	400	2020-09-25	
AL	07HCP-121K-50	251286	400	2020-09-25	



PRODUCT CATALOGUE

Certified: ISO 14001, ISO 9001 & IATF 16949

The graphic features a large, stylized globe composed of a network of blue dots and lines, resembling a molecular or digital structure. Various icons are scattered across the globe, including a leaf, a lightning bolt, a gear, and a smartphone. The word "e-mobility" is prominently displayed in the center in a large, bold, blue font. Below it, the phrase "for the future..." is written in a smaller, blue font. Surrounding the globe are several adjectives: "responsible", "more efficient", "traceable", "greener", "transparent", "get connected", and "faster".

... with new products

 Page 24 Exceptionally High Q and for Higher Currents Chip Inductors for RF Applications	 Page 51 Non-shielded Chip Inductors for Power Applications	 Page 55 Ethernet Common Mode Filter Chip Inductors	 Page 95 For High Voltages up to 600V DC Plugable Inductors (Pin Type Coils)
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Check us out online for updates!

FASTRON GmbH

**Raphaelweg 15
85625 Piusheim
Germany**

T: +49 8093 60695-00

F: +49 8093 60695-99

Email:

germany@fastrongroup.com

Web: www.fastrongroup.com



Thank You ! **e-mobility**
for the future...

