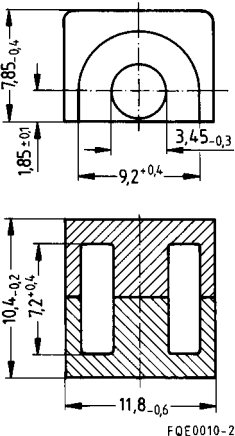


- In accordance with IEC 61596
- For transformers featuring high inductance and low overall height
- For power applications
- EP cores are supplied in sets

Magnetic characteristics (per set)

$\Sigma l/A = 1,7 \text{ mm}^{-1}$
 $l_e = 19,2 \text{ mm}$
 $A_e = 11,3 \text{ mm}^2$
 $A_{\min} = 8,5 \text{ mm}^2$
 $V_e = 217 \text{ mm}^3$

Approx. weight 2,8 g/set



Gapped

Material	A_L value nH	s approx. mm	μ_e	Ordering code
N67	$100 \pm 3 \%$	0,13	135	B65841-A100-A67

Ungapped

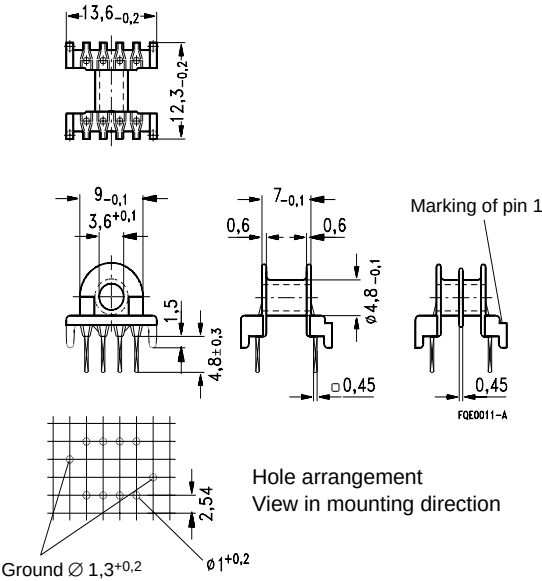
Material	A_L value nH	μ_e	$A_{L1\min}$ nH	P_V W/set	Ordering code
N67	$1100 + 30/- 20 \%$	1480	650	0,14 (200 mT, 100 kHz, 100 °C)	B65841-A-R67
N87 ¹⁾	$1100 + 30/- 20 \%$	1480	650	0,10 (200 mT, 100 kHz, 100 °C)	B65841-A-R87
N26 ¹⁾	$1100 + 30/- 20 \%$	1480			B65841-A-R26
N30	$2000 + 30/- 20 \%$	2700			B65841-A-R30
T65 ¹⁾	$2900 + 30/- 20 \%$	3920			B65841-A-R65
T35	$3200 + 30/- 20 \%$	4330			B65841-A-R35
T38	$4800 + 40/- 30 \%$	6490			B65841-A-Y38
T42	$6000 + 40/- 30 \%$	8000			B65841-A-Y42

1) Preliminary data

Coil former

Material: GFR thermosetting plastic (UL 94 V-0, insulation class to IEC 60085:
F $\triangleq$ max. operating temperature 155 °C), color code green
Solderability: to IEC 60068-2-20, test Ta, method 1 (aging 3): 235 °C, 2 s
Resistance to soldering heat: to IEC 68-2-20, test Tb, method 1B: 350 °C, 3,5 s
Winding: see page [155](#)
Squared pins

Sections	A_N mm ²	l_N mm	A_R value $\mu\Omega$	Terminals	Ordering code
1	11,4	21,5	65	8	B65842-C1008-D1
2	10,0	21,5	74	8	B65842-C1008-D2



Mounting assembly

The set comprises a yoke and a clamp

Yoke

Material: Made of nickel silver (0,4 mm) with ground terminal (tinned)

Clamp

Material: Spring clamp, made of nickel silver (0,3 mm)

Cap yoke

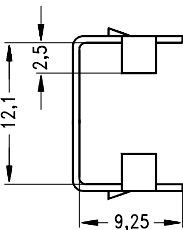
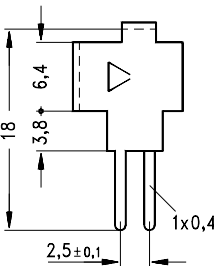
Material: With ground terminal, made of stainless spring steel (tinned), 0,25 mm thick

Available from IV/98

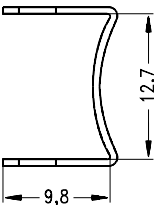
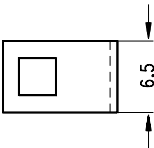
Matching coil former in preparation

	Ordering code
Complete mounting assembly	B65842-A2000
Cap yoke ¹⁾	B65842-C2000

Yoke

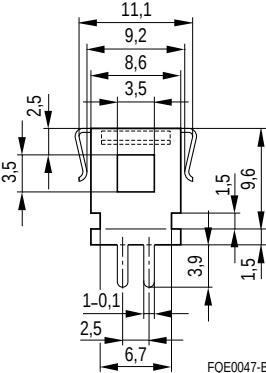
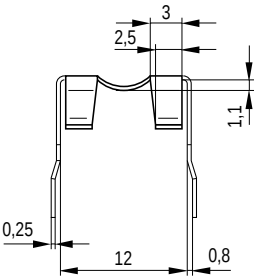


Clamp



FQE0013-R

Cap yoke



FQE0047-B

1) Preliminary data