

P 7 × 4

Core

B65511

- Pot cores are supplied in sets

Magnetic characteristics (per set)

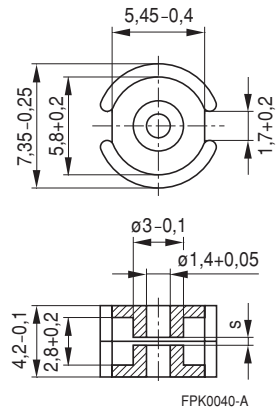
$$\Sigma l/A = 1,43 \text{ mm}^{-1}$$

$$l_e = 10 \text{ mm}$$

$$A_e = 7 \text{ mm}^2$$

$$V_e = 70 \text{ mm}^3$$

Approx. weight 0,5 g/set



Gapped

Material	A_L value nH	s approx. mm	μ_e	Ordering code -A with center hole
K1	$25 \pm 3 \%$	0,32	29	B65511-A25-A1
M33	$63 \pm 3 \%$	0,13	72	B65511-A63-A33
N48	$100 \pm 3 \%$	0,10	114	B65511-A100-A48

Ungapped

Material	A_L value nH	μ_e	Ordering code -A with center hole
N48	$1000 + 40/- 30 \%$	1137	B65511-A-Y48
N30	$2000 + 40/- 30 \%$	2280	B65511-A-Y30

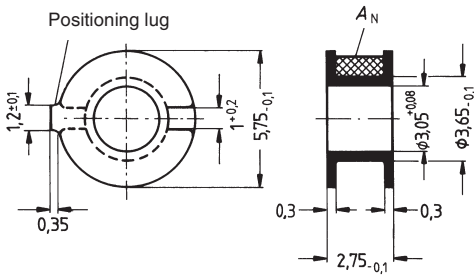
Coil former with positioning lug

Material: GFR polyterephthalate (UL 94 V-0, insulation class to IEC 60085:

F $\triangleq$ max. operating temperature 155 °C), color code black

Winding: see "Processing Notes", page 155

Sections	A_N mm ²	l_N mm	A_R value $\mu\Omega$	Ordering code
1	2,2	14,6	240	B65512-C-T1



FPK0041-1

Mounting assembly for printed circuit boards

- The set comprises a terminal carrier and a yoke
- For snap-in connection

Coil former

- With thread for the adjusting screw

Material: GFR polyterephthalate (UL 94 V-0, insulation class to IEC 60085:

F $\triangleq$ max. operating temperature 155 °C), color code black

Solderability: to IEC 60068-2-20, test Ta, method 1 (aging 3): 235 °C, 2 s

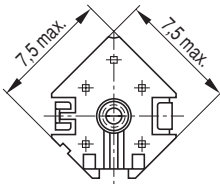
Resistance to soldering heat: to IEC 60068-2-20, test Tb, method 1B: 350 °C, 3,5 s

Yoke

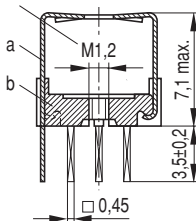
Spring yoke, made of tinned nickel silver (0,2 mm), with ground terminal

Complete mounting assembly (5 solder terminals)

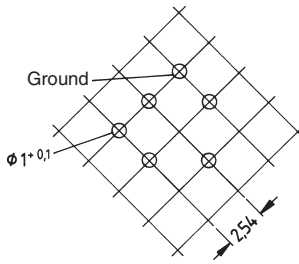
Ordering code: B65512-C2001



Thread for
adjusting screw



FPK0042-R



FPK0043-Z

- a) Yoke
b) Terminal carrier with 5 solder terminals

Herausgegeben von EPCOS AG

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