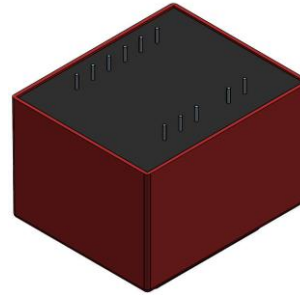
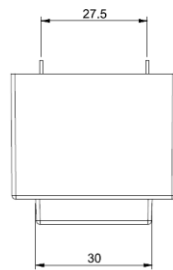
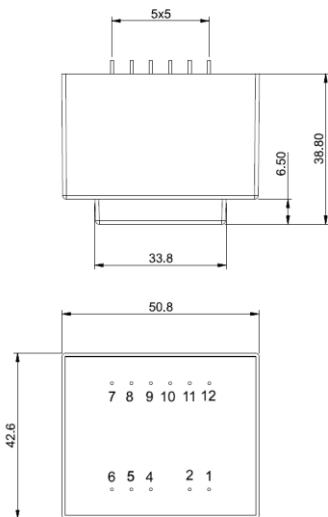


Product <b>PASSIVE PFC</b>	Size <b>EI48-20.5</b>	Type <b>POTTED</b>
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Product designation

## PASSIVE PFC CHOKES - EI48x20.5 - POTTED

### I MECHANICAL CHARACTERISTICS - PINOUT

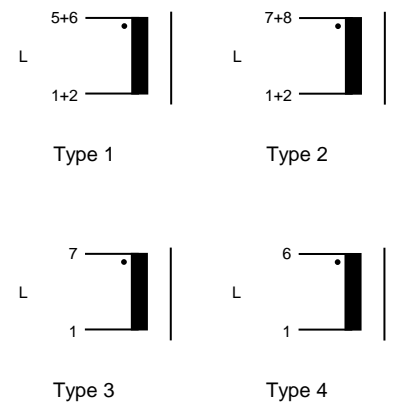


Terminals	
Pins	Ø 0.80 +/- 0.1 mm
PCB recommended drilling diameter	1.3 mm
Pins length	4.0 +/- 0.5 mm
Missing pin	position 3
Tolerances	
General tolerance	+/- 0.5 mm
Pins pitch tolerance	+/- 0.5 mm
Pins row tolerance	+/- 0.5 mm

### II ELECTRICAL CHARACTERISTICS - ENVIRONMENTAL

Typical use at ambient 70 °C

Reference	Inductance (mH)	Rated current (A <sub>RMS</sub> )	Sat. current (A <sub>pk</sub> )	Temperature class	Type
43410	1.0	8.7	16.2	T70 / B	1
43411	1.5	7.8	12.6	T70 / B	2
43412	2.0	6.8	10.6	T70 / B	3
43413	2.5	5.6	9.6	T70 / B	4
43414	3.0	5.5	8.1	T70 / B	4
43415	3.5	4.7	7.8	T70 / B	4
43416	4.0	4.4	7.1	T70 / B	4
43417	4.5	4.3	6.8	T70 / B	4
43418	5.0	4.2	6.2	T70 / B	4
43419	10.0	3.0	5.5	T70 / B	3
43420	15.0	2.5	4.1	T70 / B	4
43421	20.0	2.2	2.9	T70 / B	4



Operating temperature - 40 / + 120 °C  
Storage temperature - 40 / + 85 °C

Rated currents (A<sub>RMS</sub>) will give temperature rising of 40 K.

Saturation currents (A<sub>pk</sub>) are stated for a maximum inductance drop of 20%

### III SAFETY - APPROVAL

RoHS and REACH compliant

UL94 V-0 materials

Construction conforms to the certified MYRRA Class B UL Electrical Insulation System E113497-B.

Compliant with IEC61558-2-20