

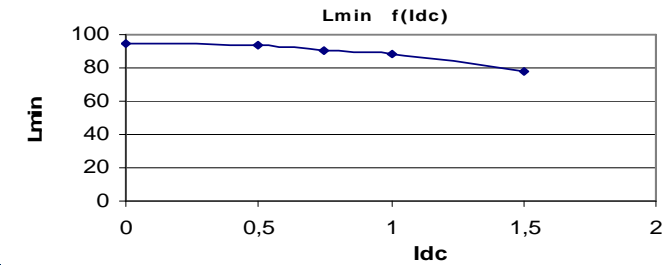
Resistance = 140mΩ max

Frequency kHz	Ripple Current	10%ΔI	20%ΔI	30%ΔI
25	Total losses mW	120	120	120
	ΔT°C	10	10	10
50	Total losses mW	120	120	130
	ΔT°C	10	10	11
75	Total losses mW	120	120	130
	ΔT°C	10	10	11
100	Total losses mW	120	130	140
	ΔT°C	10	11	11

Electrical data @ 25°C

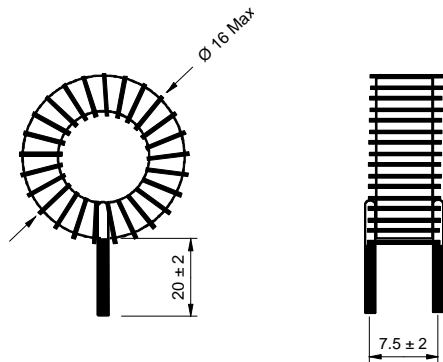
**L f(I<sub>dc</sub>) Inductance Values**

I <sub>dc</sub> (A)	L <sub>min</sub> (μH)
0	95
0,5	93
0,75	91
1	88
1,5	78

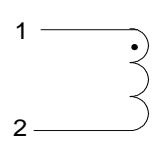


**PN : 55306SNV**

Mechanical dimensions



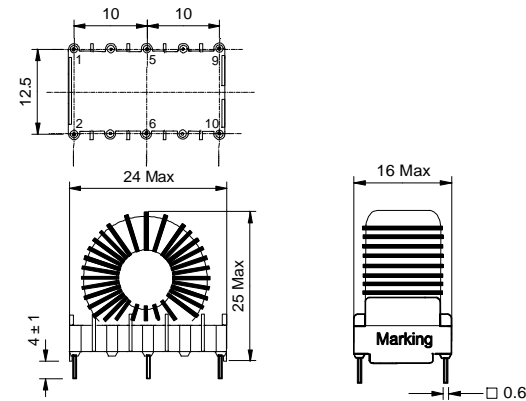
Schematic



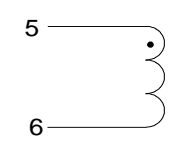
Inductance 1-2  
Implantation in holes : 0.7 mm

**PN : 55306EE**

Mechanical dimensions



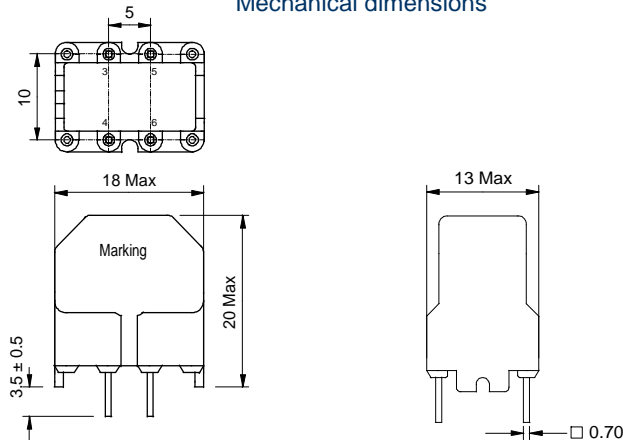
Schematic



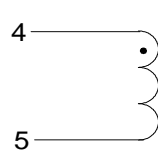
Inductance 5-6  
Blind pins 1-2-9-10  
Implantation in holes : 1,2 mm

**PN : 55306BV**

Mechanical dimensions



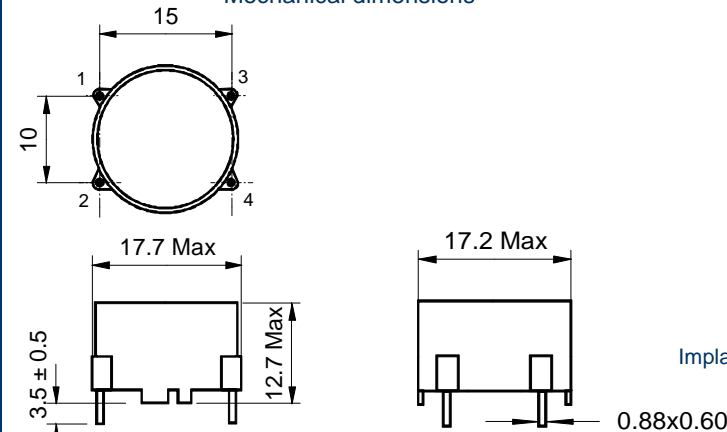
Schematic



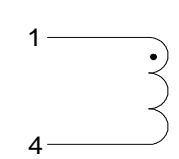
Inductance 4-5  
Blind pins 3-6  
Implantation in holes : 1,3 mm

**PN : 55306BH**

Mechanical dimensions



Schematic



Inductance 1-4  
Blind pins 2-3  
Implantation in holes : 1,3 mm