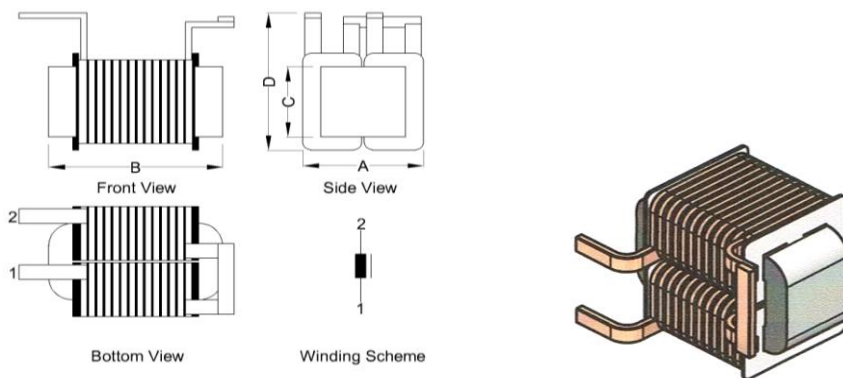


5.2. High Current Chokes with One Winding - Flat Copper Wire**General Technical Details:**

Voltage Rating - U _R :	250 Vac / 440 Vac	
High Voltage Test - U _P :	2500 Vac - 50Hz - 2s	Winding - Core/Housing
Current Rating - I _R :	At 50Hz and 40°C Ambient Temperature	
Inductance Tolerance:	+/- 15%	
Nominal Inductance - L _R :	Measured at 25°C; Test Frequency: < 1kHz	
Climatic Class:	40/125/56	According to IEC 60068-1
Performance:	No Decrease in Inductance at Full Load; Less Power Loss / Less Temperature Rise; Frequency Range up to 100kHz	
Design:	<ul style="list-style-type: none">- Core: Cut C-cores, Material: Amorphous or Si/Fe- Winding with Flat Copper Wire in Single Layer- Bobbin made of Material PA or PET- Plastic Parts and Resin with Flame Retardant (FR) material, UL94 V-0- Designed as per IEC 61558-20 Norms	
Application:	<ul style="list-style-type: none">- Storage Chokes for Power Electronics- Frequency Converters and Smoothing Inductors	
Dimensions Tolerance:	Component:	Maximum Values
	Terminal Length:	± 5,0mm

5.2. High Current Chokes with One Winding - Flat Copper

Drawing with Schematic:



- Drawing is not to scale
- Tolerance of Component and Technical Details are on Pg-116
- Customisation in product can be checked on request
- Type of Terminals on request: Litz wire / Cable Lug
- Weight: Available on request

Electrical Data and Part Identification Number (PIN):

I_R in A	L_R in μH	Component Dimensions				PIN
		A	B	C	D	
10.0	680	55	75	30	50	PZH-ESH-A06
30.0	2000	78	105	30	60	PZH-ESH-A07
50.0	1500	78	105	45	74	PZH-ESH-A08
60.0	1500	80	105	45	74	PZH-ESH-A09
100.0	1000	82	105	45	74	PZH-ESH-A10