



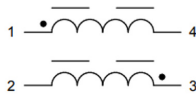
FEATURES

- Low Magnetic coupling
- Low core loss
- High saturation current
- Very low DCR
- operating temperature -40 degC to +125degC
- MSL: 1

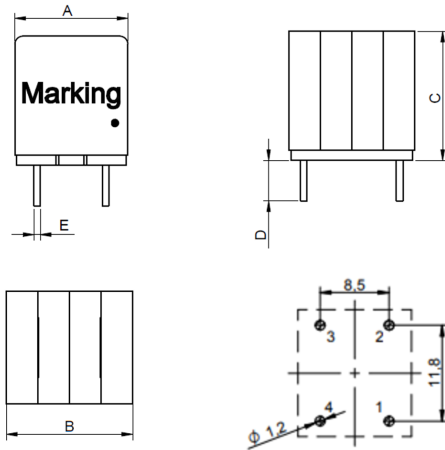
APPLICATIONS

- Digital Single Amplifiers
- Audio amplifiers

SCHEMATIC SYMBOL

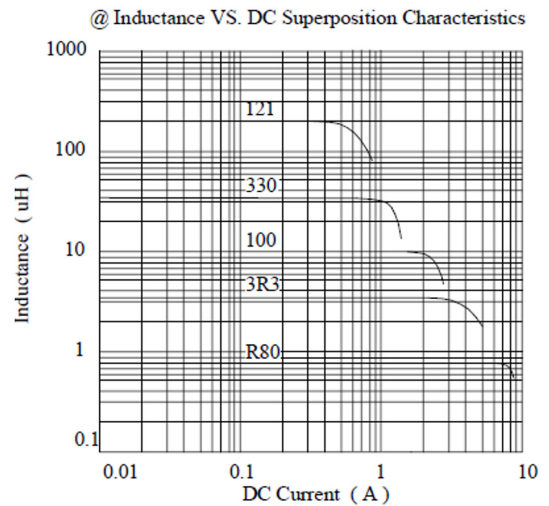


DIMENSIONS [mm]



TYPE	A	B	C	D	E
	±0.20	±0.20	±0.20	±0.30	±0.30
OWIHPM0420	4.1	4.1	1.9	3.4	0.88
OWIHPM0520	5.5	5.5	1.9	4.3	1.10
OWIHPM0530	5.5	5.3	2.9	4.3	1.1
OWIHPM0630	6.6	6.4	2.8/2.9	TBD	1.4
OWIHPM0730	7.8	7.6	2.9	TBD	1.75

INDUCTANCE VS. CURRENT



Datasheet of OWDEP1415-xxx series

OW P/N #	Inductance (uH)	Tolerance	Test Condition	DCR (mΩ Max.)	Isat (A) Typ.	Irms (A) Typ.
OWDEP1415-8R2	8.2	20%	100KHZ 0.25V	9.2	16.0	7.0
OWDEP1415-100	10.0	20%	100KHZ 0.25V	9.2	12.5	7.0
OWDEP1415-150	15.0	20%	100KHZ 0.25V	16.5	8.4	5.4
OWDEP1415-220	22.0	20%	100KHZ 0.25V	18.0	6.2	5.4

Custom solutions available. Please get in touch with your local Ole Wolff representative.

