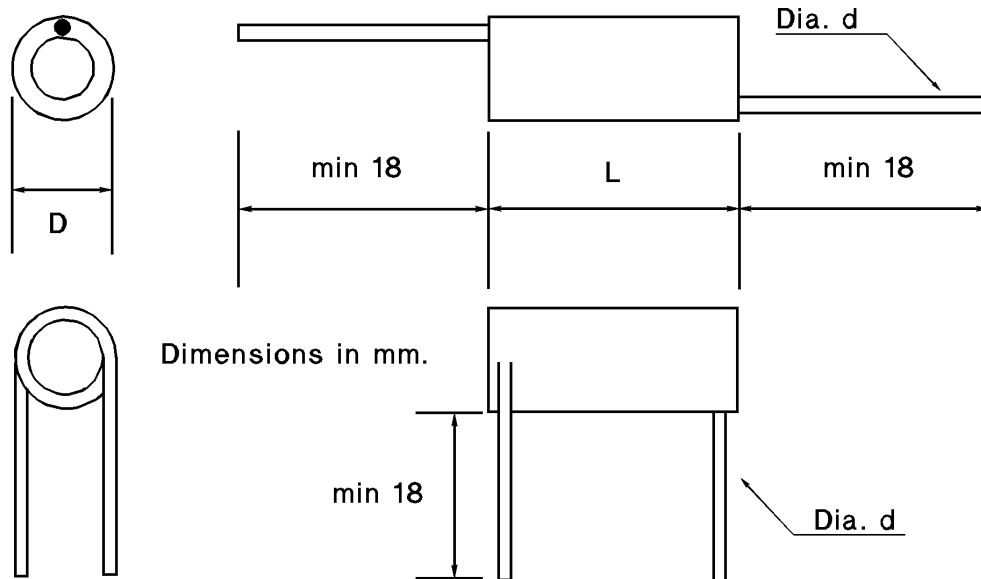


TYPE 1585

INTERFERENCE SUPPRESSION CHOKES



INS (insulated) types only have axial leads: see top drawing.

LAC (lacquered) types can have axial or radial leads: see top drawing for axial style
see bottom drawing for radial style

Core	Ferrite
Coating (LAC types)	Polyurethane Lacquer
Coating (INS types)	Insulated with heat-shrink tube
Working Temperature	-55 to +85°C ambient
Marking (LAC types)	None
Marking (INS types)	Type, inductance and current

I_{dc} max: Maximum Current at 85°C ambient

For other temperatures use the "Load Ratings" curves below
Curve 1 for INS types and Curve 2 for LAC types

For dimensions see next page

To order these chokes please specify type 1585 and the inductance value, current rating and type.

e.g. "1585 10 μ H 3A LAC" or "1585 25 μ H 6A INS"

Axial leads will be supplied unless radial are specified. Radial are only available on LAC types.

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TYPE 1585

INTERFERENCE SUPPRESSION CHOKES

Inductance μH ($\pm 20\%$)	Maximum Idc A		Rdc $\text{m}\Omega$	Fr MHz	Dimensions in mm *			
	LAC	INS	Typ	Typ	D	x	L	d
4	2	1.5	35	140	3	x	11	0.35
6			38	110	3	x	15	0.4
10			43	90	3	x	30	0.4
15			70	65	5	x	20	0.4
25			110	45	6	x	20	0.35
4	3	2	18	130	3	x	15	0.5
6			20	95	3	x	20	0.5
10			38	70	5	x	20	0.5
15			50	45	6	x	20	0.5
25			68	45	7	x	22	0.5
4	4	3	13	110	3.5	x	20	0.63
6			20	90	5.5	x	20	0.63
10			25	70	6.5	x	20	0.63
15			37	55	7.5	x	22	0.63
25			45	40	7.5	x	30	0.63
50			60	3	10.5	x	22	0.63
100			90	2.5	10.5	x	22	0.63
500			200	1	14	x	40	0.63
1000			350	0.6	15.5	x	42	0.63
4			6	4	10	100	6	x
6	13	80			7	x	20	0.8
10	16	70			8	x	22	0.8
15	20	55			8	x	30	0.8
25	25	45			8	x	35	0.8
4	8	6	8	110	7.5	x	20	0.95
6			9.5	80	8.5	x	22	0.95
10			12	65	8.5	x	30	0.95
15			15	55	8.5	x	35	0.95
25			19	45	8.5	x	40	0.95

* D & L are maximum dimensions for LAC types. Please add 1mm to D and 5mm to L for maximum dimensions for INS types.

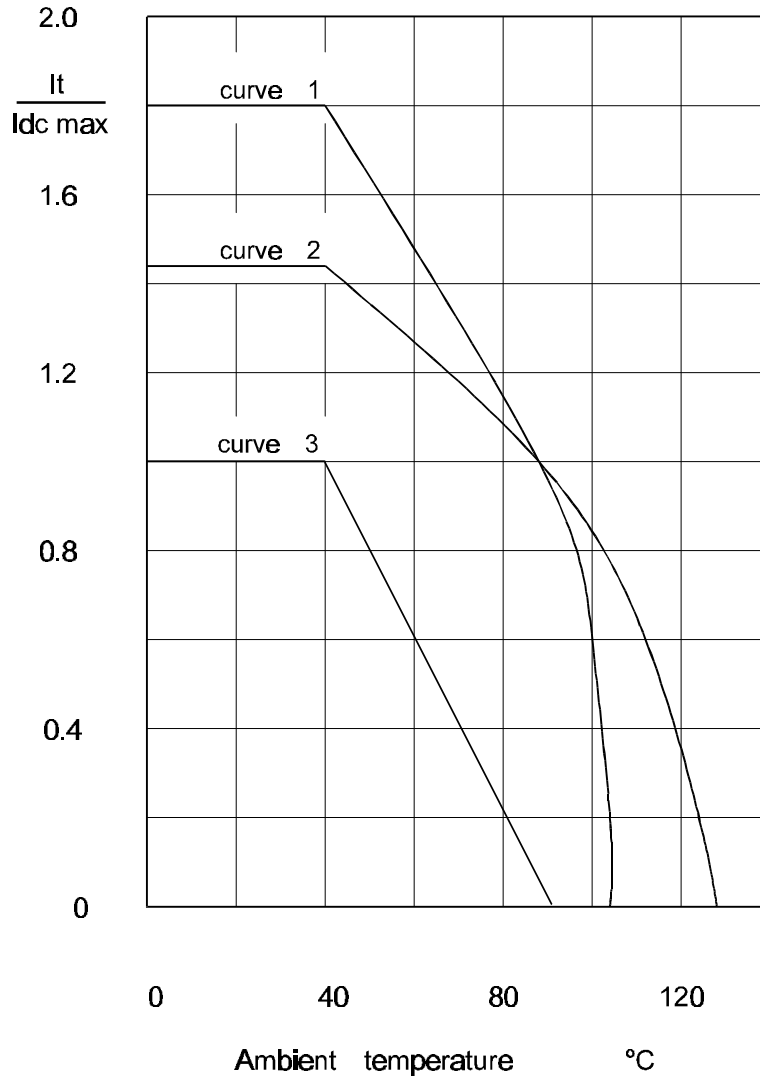
Dimension d values are nominal wire diameters.

FERROPERM

INDUCTORS AND TRANSFORMERS

from FERROPERM UK Ltd.

LOAD RATINGS for CHOKES



I_t = Maximum current at ambient temperature
 $I_{dc\ max}$ = Maximum current shown on data sheet.

Whilst every care was taken to avoid any mistakes in the compilation of this catalogue, no responsibility can be assumed for any errors which may have occurred in it.

In line with Ferroperm's policy of continual development, Ferroperm reserves the right to alter specifications of any products without notice.

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