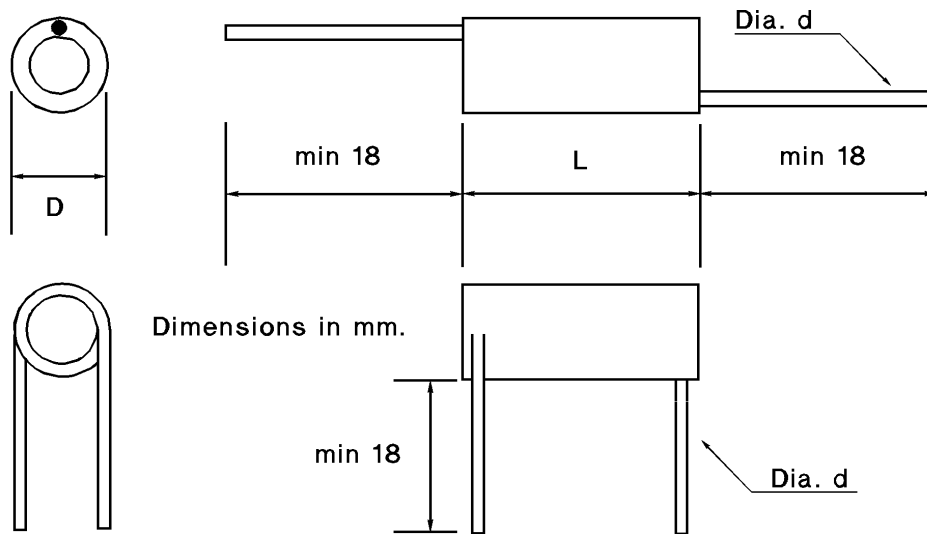


TYPE 1585

INTERFERENCE SUPPRESSION CHOKES



Dimensions in mm.

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 |

Idc max: Maximum Current at 85°C ambient
 For other temperatures use the "Load Ratings" curves on page 17
 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 10μH 3A LAC" or "1585 25μH 6A INS"

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

FERROPERM

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 | 20 | 0.8 |
| 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.

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