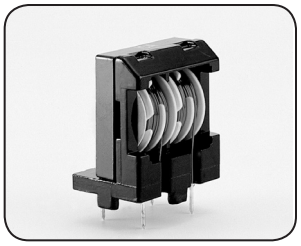
ICE Components, Inc.

Voice: 800.729.2099
Fax: 678.560.9304

cust.serv@icecomp.com
www.icecomponents.com

Line Filters LF Series



Features

- Broad frequency attenuation
- Closed magnetic core minimizes EMI
- Wide selection available
- Available in vertical and horizontal

Applications

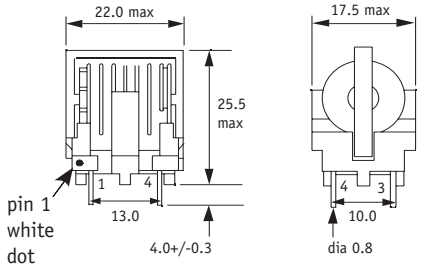
- Off-Line Switch Mode Power Supplies
- Conducted EMI Filters
- Office Equipment
- Medical Equipment

Electrical Specifications

Part Number	Inductance (mH min)	L1&L2 (mH max) Difference	SRF (kHz min)	I rated (Amps)	DCR (Ω max)
LF-20002-1040-_	104.0	3.0	125.0	0.2	6.09
LF-20003-0430-_	43.0	1.0	200.0	0.3	2.46
LF-20004-0260-_	26.0	1.0	275.0	0.4	1.48
LF-20005-0190-_	19.0	0.5	330.0	0.5	1.04
LF-20006-0120-_	12.0	0.5	445.0	0.6	0.67
LF-20007-0100-_	10.0	0.4	520.0	0.7	0.52
LF-20008-0068-_	6.8	0.3	640.0	0.8	0.39
LF-20010-0053-_	5.3	0.3	750.0	1	0.28
LF-20011-0040-_	4.0	0.3	880.0	1.1	0.24
LF-20013-0027-_	2.7	0.2	1120.0	1.3	0.16
LF-20015-0021-_	2.1	0.2	1310.0	1.5	0.13
LF-20017-0017-_	1.7	0.2	1600.0	1.7	0.10
LF-20022-0010-_	1.0	0.1	1780.0	2.2	0.07
LF-20030-0006-_	0.6	0.1	2680.0	3	0.04
LF-24004-0800-_	80.0	2.0	160.0	0.4	2.87
LF-24005-0500-_	50.0	1.0	190.0	0.5	1.68
LF-24006-0350-_	35.0	1.0	230.0	0.6	1.17
LF-24008-0200-_	20.0	0.5	330.0	0.8	0.70
LF-24010-0150-_	15.0	0.3	400.0	1	0.48
LF-24012-0095-_	9.5	0.3	540.0	1.2	0.29
LF-24016-0060-_	6.0	0.3	640.0	1.6	0.20
LF-24020-0042-_	4.2	0.2	870.0	2	0.14
LF-24025-0024-_	2.4	0.2	1230.0	2.5	0.08
LF-24032-0014-_	1.4	0.2	1600.0	3.2	0.05
LF-28006-0690-_	69.0	2.0	150.0	0.6	1.50
LF-28008-0430-_	43.0	1.0	190.0	0.8	0.95
LF-28010-0280-_	28.0	1.0	250.0	1	0.59
LF-28013-0180-_	18.0	0.5	330.0	1.3	0.34
LF-28015-0140-_	14.0	0.3	360.0	1.5	0.29
LF-28016-0120-_	12.0	0.3	420.0	1.6	0.22
LF-28020-0070-_	7.0	0.3	600.0	2	0.16
LF-28024-0048-_	4.8	0.2	720.0	2.4	0.11
LF-28030-0029-_	2.9	0.2	1230.0	3	0.07
LF-28040-0015-_	1.5	0.2	1400.0	4	0.04
LF-35008-1100-_	110.0	3.0	85.0	0.8	1.78
LF-35010-0690-_	69.0	2.0	120.0	1	1.11
LF-35015-0306-_	30.6	1.0	190.0	1.5	0.48
LF-35020-0225-_	22.5	1.0	210.0	2	0.33
LF-35030-0108-_	10.8	0.4	420.0	3	0.15
LF-35040-0044-_	4.4	0.2	670.0	4	0.07
LF-35060-0025-_	2.5	0.2	1020.0	6	0.04

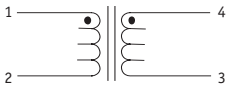
*Measured @ 1kHz, 0.1 V rms

LF-20 Vertical

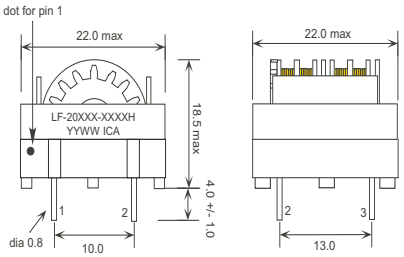


Packaging: Tray=48 pieces, Box=12 trays, Box=576 pieces

LF-20 Schematic (V&H)



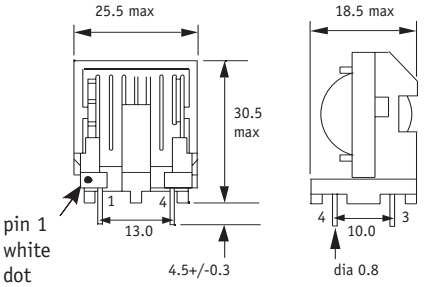
LF-20 Horizontal



Packaging: Tray=48 pieces, Box=12 trays, Box=576 pieces

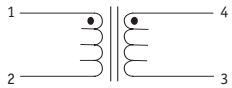
units: mm

LF-24 Vertical

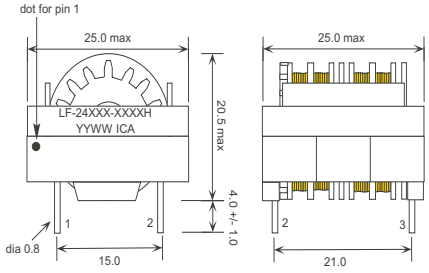


Packaging: Tray=48 pieces, Box=12 trays, Box=576 pieces

LF-24 Schematic (V&H)



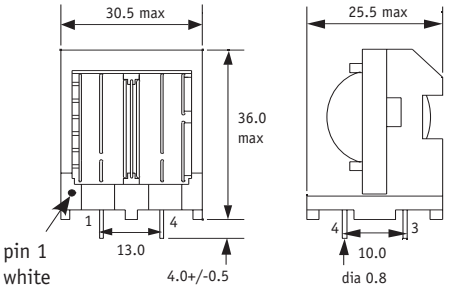
LF-24 Horizontal



Packaging: Tray=48 pieces, Box=12 trays, Box=576 pieces

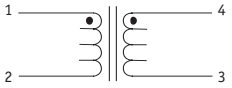
units: mm

LF-28 Vertical

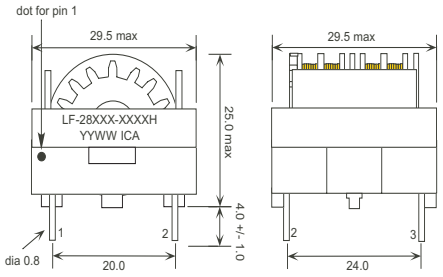


Packaging: Tray=32 pieces, Box=5 trays, Box=160 pieces

LF-28 Schematic (V&H)



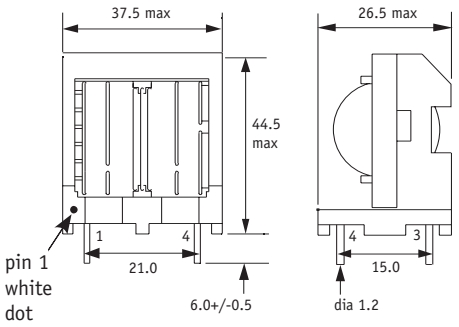
LF-28 Horizontal



Packaging: Tray=40 pieces, Box=5 trays, Box=200 pieces

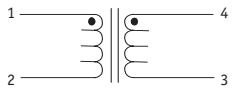
units: mm

LF-35 Vertical

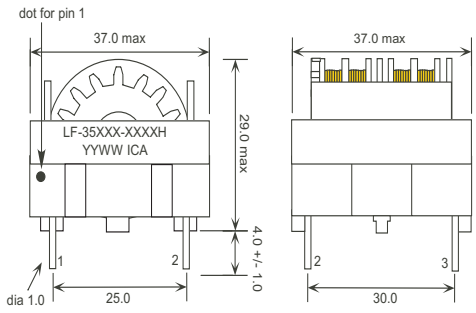


Packaging: Tray=30 pieces, Box=4 trays, Box=120 pieces

LF-35 Schematic (V&H)



LF-35 Horizontal



Packaging: Tray=32 pieces, Box=6 trays, Box=192 pieces

units: mm