

LH Series
Three-Phase Large Current Type

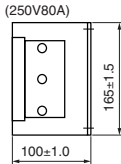
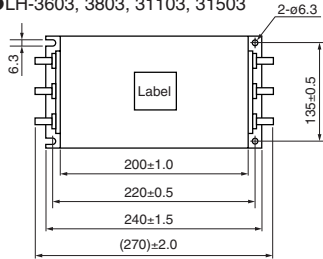
[RoHS Compliant]



Model	Rated voltage AC/DC (V)	Rated current AC/DC (A)	Withstanding voltage 1 min., line to ground AC (V)	Insulation resistance 500VDC 1 min., line to ground (MΩ) min.	Leakage current 250V/60Hz, (mA) max.	Voltage drop 50Hz, (V) max.	Self- temperature rise (K) max.	Operating temperature range (°C)
LH-3603	250	60	2000	300	1.0	1.5	30	-25 to +55
LH-3803	250	80	2000	300	1.0	1.5	30	-25 to +55
LH-31103	250	110	2000	300	1.0	1.5	30	-25 to +55
LH-31503	250	150	2000	300	1.0	1.5	30	-25 to +55
LH-3803K	250	50 to 80	2000	300	—	1.5	30	-25 to +55
LH-31103K	250	90 to 110	2000	300	—	1.5	30	-25 to +55
LH-31503K	250	120 to 150	2000	300	—	1.5	30	-25 to +55

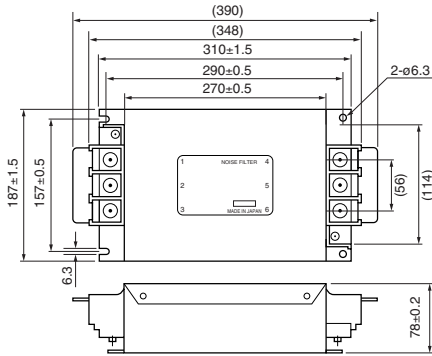
Shape and Dimensions

●LH-3603, 3803, 31103, 31503



Terminal screw diameter
LH-3603 : M8
LH-3803 : M8
LH-31103 : M10
LH-31503 : M12

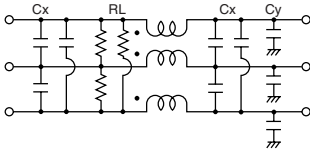
●LH-3803K, LH-31103K, LH-31503K



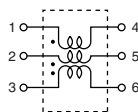
[mm]

Circuit Diagram

●LF-3 Series



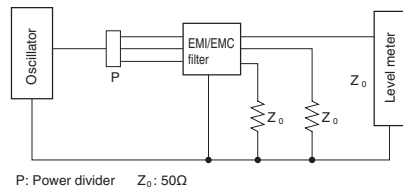
●LF-3K Series



- All specifications in this catalog and production status of products are subject to change without notice. Prior to the purchase, please contact NEC Tokin for updated product data.
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Measuring Circuit

●Common mode

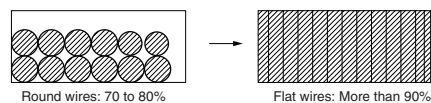


Inductor Appearance

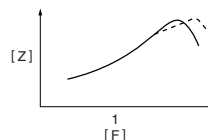


●Advantages of vertically winding flat wires compared with round wires

1) Allows miniaturization through winding density



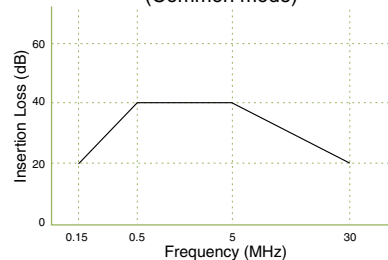
2) Improved impedance characteristics of high-frequency range due to lower stray capacitance



Attenuation Characteristics (Example)

●LH-3603

(Common mode)



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