

LCR 080-L

High Performance and High Attenuation Power Entry Filters



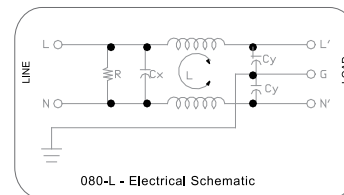
Features

High attenuation performance IEC inlet power entry filters. Higher inductance and capacitance design to provide the optimal EMC results.

Typical Applications

Specially designed for LCD, LED and PDP TV, medical equipment and general electrical appliances.

Electrical Schematic



Specifications

Rated Voltage Max. (V)	250 VAC Max.
Rated Current (A)	1-8 A @ 40°C
Over Load (% of Rated Current)	150% for 1 Minute
Operating Frequency (Hz)	50/60 Hz
Hipot Rating	
Line to Line	1450 VDC
Line to Ground	2250 VDC
Case	Plated Steel
Packaging Quantity	54/126 Pcs per Carton

Leakage Current

@ 250 VAC 50 Hz 0.42 mA Max.

@ 115 VAC 60 Hz 0.23 mA Max.

IP Class IP52

Climatic Category (EN-60068-1) 25/100/21

Operating Temperature From -25°C to 100°C

Model No.	Rated Current (A) @ 40°C	Mechanical Diagram	Unit Weight (g)	Terminal Options	
				In	Out
080.00314.00-L	3	A/B	90	IEC Inlet Socket	Solder Tab/QD 6.35*0.8
080.00414.00-L	4	A/B	90	IEC Inlet Socket	Solder Tab/QD 6.35*0.8
080.00614.00-L	6	A/B	90	IEC Inlet Socket	Solder Tab/QD 6.35*0.8
080.00814.00-L	8	A/B	90	IEC Inlet Socket	Solder Tab/QD 6.35*0.8

Specifications are subject to change. Consult factory to verify specifications.

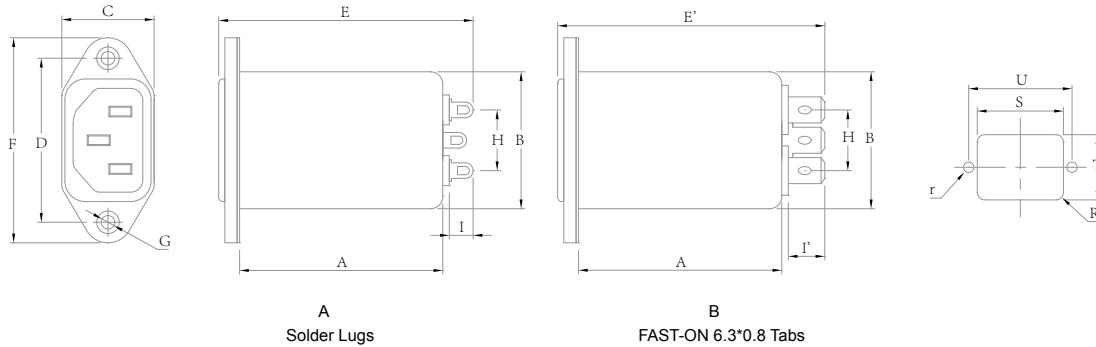
For more information on our filter products call us at: (800) 527-4362 or (714) 289-0055
LCR, Radius Power, and Filter Concepts are now part of Astrodyne TDI

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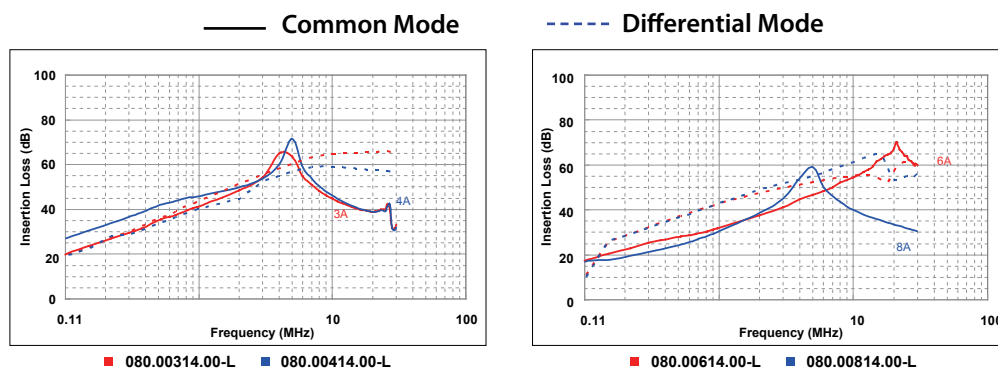
LCR 080-L Mechanical Outlines



LCR 080-L Mechanical Dimensions (mm)

Model No.	A	B	C	D	E	E'	F	G	H	I	I'	R	S	T	U	r
080.00314.00-L	53.3	28.6	22.4	40.0	69.0	71.5	47.6	2* Φ 4.2	12.8	6.0	8.5	3.0	29.6	21.2	40.0	2.1
080.00414.00-L	53.3	28.6	22.4	40.0	69.0	71.5	47.6	2* Φ 4.2	12.8	6.0	8.5	3.0	29.6	21.2	40.0	2.1
080.00614.00-L	53.3	28.6	22.4	40.0	69.0	71.5	47.6	2* Φ 4.2	12.8	6.0	8.5	3.0	29.6	21.2	40.0	2.1
080.00814.00-L	53.3	28.6	22.4	40.0	69.0	71.5	47.6	2* Φ 4.2	12.8	6.0	8.5	3.0	29.6	21.2	40.0	2.1

LCR 080-L Insertion Loss in dB Measured in a 50 Ω System



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