

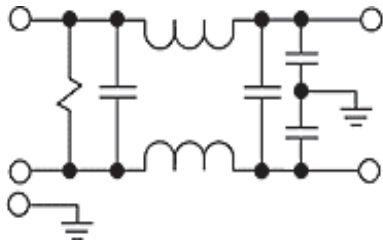
LE

ECONOMICAL LOW LEAKAGE π FILTERS

FEATURES

- » **Rated currents** include **5A, 10A, 15A, 20A, 30A, 40A, 75A, 100A and 150A**
- » Single Stage Line Filter
- » Available with **QD** (tabs), **S** (studs) and **C** (connectors) option
- » Low Profile, Connector & Flange Mount Available
- » Agency Approvals UL E78081, CSA LR53652 and TUV
- » Y-cap value can be adjusted to fit specification

ELECTRICAL SCHEMATIC



HOW TO ORDER



NOTE: USE ANY COMBINATION OF -X (AMPS) WITH ANY -Y RATINGS
E.G. **LE75 LF**(75 AMPS, LOW PROFILE CASE, FLANGE MOUNT)



SPECIFICATIONS

OPERATING FREQUENCY	50/60Hz
MAX. OPERATING VOLTAGE	250VAC +10%
TERMINALS (-T)	QD: 0.25 TABS STUDS: 8-32 (15-30A), 10-32(40A) 1/4-20 (75A) 1/16-18 (100A)
TYP. WEIGHT, LBS (KG)	0.26 - 10.8 (0.11 - 4.89)

LEAKAGE CURRENT

@ 250 VAC 60 Hz	0 - 1.2 mA Max.
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HIPOT RATINGS

LINE TO GROUND	2200 VDC - 2700 VDC
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TYPICAL APPLICATIONS

- ✓ Grounded return systems
- ✓ Mobile system
- ✓ MIL ground vehicles

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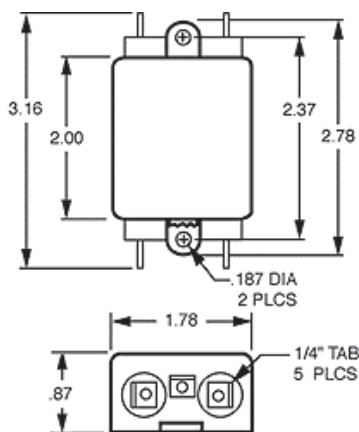
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MODEL NO.	RATED CURRENT (A) @ 40° C	Y-CAP, nF	LEAKAGE CURRENT, mA @ 250V AC, 60 Hz	TERMINAL OPTIONS			MAX. DIMENSIONS" (MM)		
				(QD)INPUT/OUTPUT	(S) INPUT/OUTPUT	(C) INPUT/OUTPUT	WIDTH	(LENGTH)	HEIGHT
LE5C	5	2x.0022 μ F	.3			✓	2.03"	3.1"	1.18"
LE5	5	2x.0022 μ F	.30	✓			1.78"	3.04"	0.87"
LE10C	10	2x.0022 μ F	.60			✓	2.03"	3.1"	1.18"
LE10	10	2x.0022 μ F	.30	✓			1.78"	3.2"	1.12"
LE10B S01	10	2x.0047 μ F	.30	✓			1.78"	3.2"	1.12"
LE15C	15	2x.0033 μ F	.45			✓	2.15"	3.47"	1.75"
LE15	15	2x.0033 μ F	.45	✓			2.03"	3.7"	1.5"
LE15 S	15	2x.0033 μ F	.30		✓		2.03"	3.76"	1.5"
LE15B	15	2x.0068 μ F	.9	✓			2.03"	3.7"	1.5"
LE20C	20	2x.0033 μ F	.45			✓	2.25"	4.38"	1.75"
LE20	20	2x.0033 μ F	.45		✓		2.15"	4.13"	1.78"
LE30	30	2x.0047 μ F	.80		✓		2.91"	4.32"	2"
LE40	40	2x.0047 μ F	.80		✓		4.12"	5.77"	1.75"
LE75 LF	75	2x.010 μ F	1.2		✓		4.25"	8.49"	2.25"
LE75 L	75	*	1.2		✓		4.25"	8.49"	2.25"
LE100 LF	100	2x.01 μ F	1.2		✓		5.5"	9.49"	3"
LE100 L	100	*	1.2		✓		5.5"	9.49"	3"
LE150	150	*	.45		✓		5.5"	9.49"	3"

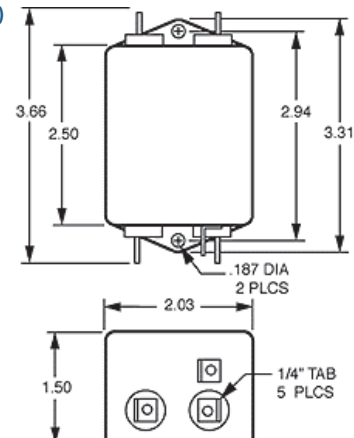
*Contact factory for part data.

LE MECHANICAL OUTLINES (MM)

QD TABS (5/10A)



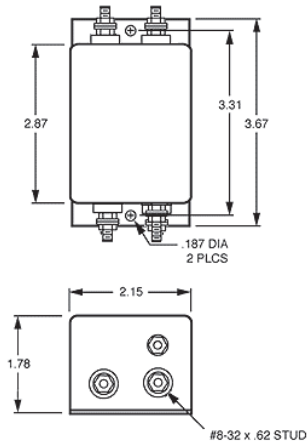
QD TABS (15A)



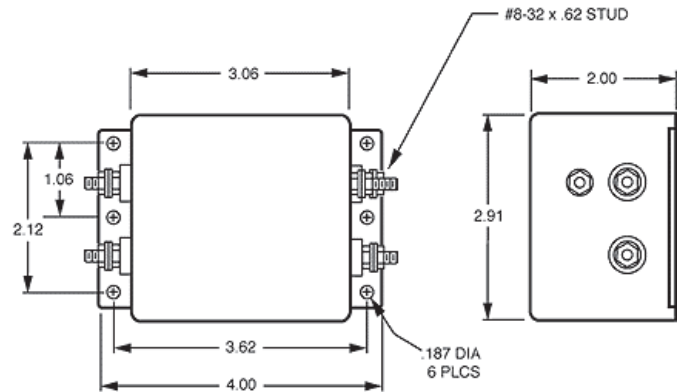
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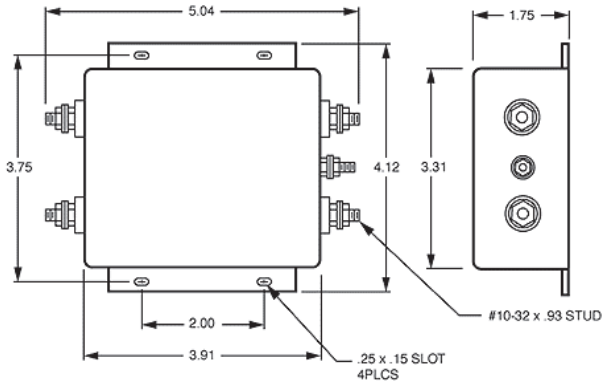
STUDS (20)



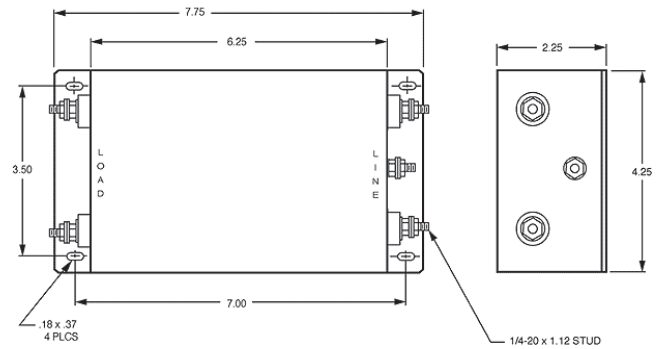
STUDS (30)



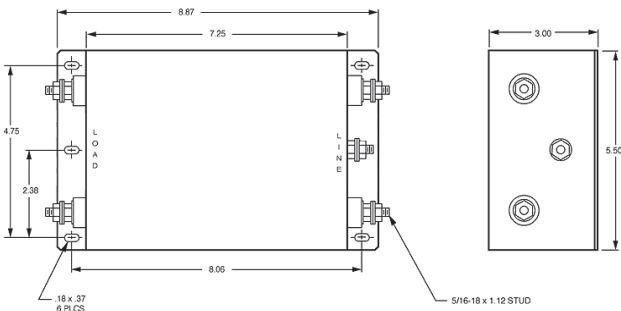
STUDS (40)



STUDS (75)



STUDS (100)



TYPICAL TOLERANCE: ± 0.02 " (0.50MM)



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TYPICAL INSERTION LOSS, dB (50/50 Ohm)

Amps	Freq (MHz)	0.15	0.5	1.0	10	30
5	CM (dB)	12	45	43	67	79
	DM (dB)	20	32	33	49	56
10	CM (dB)	20	50	43	67	79
	DM (dB)	20	32	33	49	56
15	CM (dB)	12	50	43	67	79
	DM (dB)	20	35	33	49	56
20	CM (dB)	12	45	43	67	79
	DM (dB)	20	32	33	49	56
30	CM (dB)	12	50	43	67	79
	DM (dB)	20	32	33	49	56
40	CM (dB)	30	60	43	67	79
	DM (dB)	20	32	33	49	56
75	CM (dB)	40	60	43	67	79
	DM (dB)	18	32	33	49	56
100	CM (dB)	12	45	43	67	79
	DM (dB)	18	32	33	49	56
150	CM (dB)	12	45	43	67	79
	DM (dB)	20	32	33	49	56

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Astrodyne TDI:](#)

[LE75 LF](#) [LE40](#)