

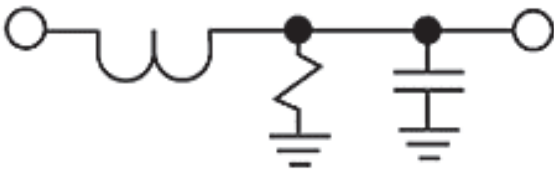
D1L

HIGH PERFORMANCE SEVERE ENVIRONMENT FILTER

FEATURES

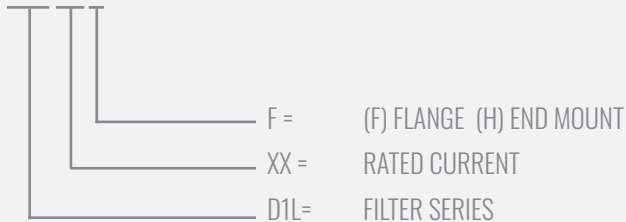
- » **Rated currents** include **5A, 10A, 20A, 40A and 75A**
- » Single Stage Line Filter
- » Available with **QD** (tabs) and **S** (studs) option
- » Flange Mount Available
- » High Performance Design
- » Designed for applications subject to MIL STD 461
- » Y-cap value can be adjusted to fit specification

ELECTRICAL SCHEMATIC



HOW TO ORDER

D1LXX F



NOTE: USE ANY COMBINATION OF -X (AMPS) WITH ANY -Y RATINGS
E.G. **D1L10 F**(10 AMPS, FLANGE MOUNT)



SPECIFICATIONS

MAX. OPERATING VOLTAGE	60VDC +10%
TERMINALS (-T)	QD: 0.25 TABS/ STUDS: 8-32 (5-75A)
TYP. WEIGHT, LBS (KG)	0.48 - 1.45 (0.21 - 0.65)

LEAKAGE CURRENT

@ 250 VAC 60 Hz

Contact Factory

HIPOT RATINGS

LINE TO GROUND

150 VDC - 200 VDC

TYPICAL APPLICATIONS

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

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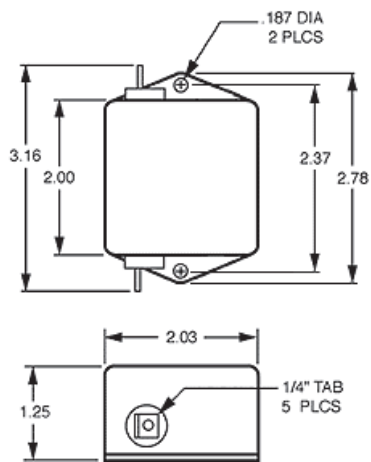
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MODEL NO.	RATED CURRENT (A) @ 40° C	Y-CAP, nF	LEAKAGE CURRENT, mA @ 250V AC, 60 Hz	TERMINAL OPTIONS			MAX. DIMENSIONS" (MM)		
				(QD)INPUT/OUTPUT	(S) INPUT/OUTPUT	(C) INPUT/OUTPUT	WIDTH	(LENGTH)	HEIGHT
D1L5	5	.0047μF/1μF/2μF	*	✓			2.03"	3.2"	1.25"
D1L5 S	5	.0047μF/1μF/2μF	*	✓			2.03"	3.2"	1.25"
D1L10	10	.0047μF/2μF/4μF	*	✓			2.03"	3.7"	1.5"
D1L20	20	*	*		✓		*	*	*
D1L20 F	20	.0047μF/4μF/8μF	*		✓		2"	5.01"	2"
D1L40	40	*	*		✓		*	*	*
D1L75	75	*	*		✓		*	*	*

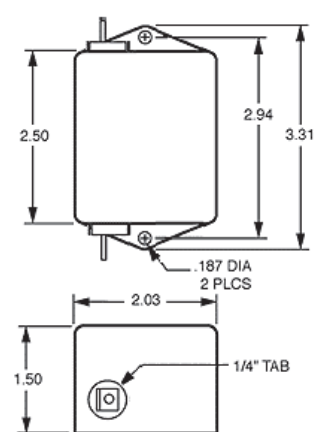
*Contact factory for part data.

D1L MECHANICAL OUTLINES (MM)

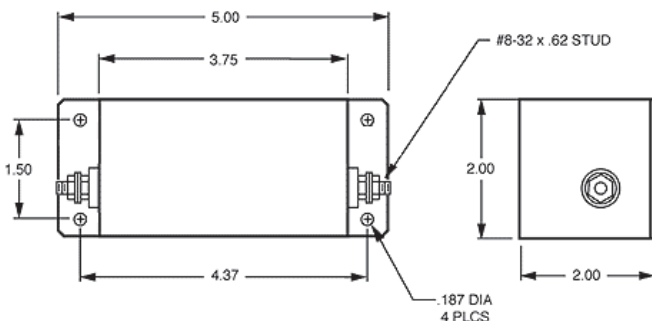
QD TABS (5A)



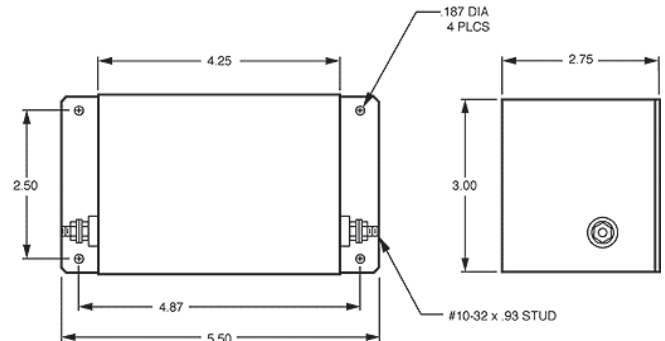
QD TABS (10A)



STUDS (20A)



STUDS (40A)

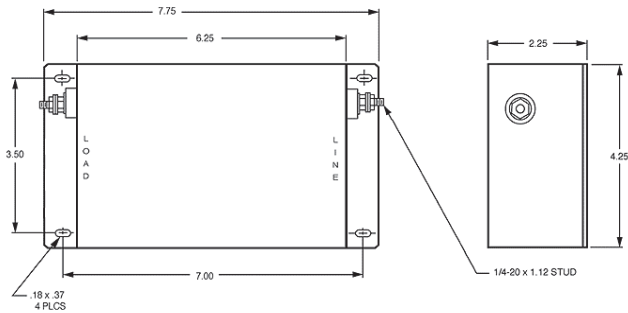




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STUDS (70A)



TYPICAL TOLERANCE: +/-0.02" (0.50MM)

TYPICAL INSERTION LOSS, dB (50/50 Ohm)

Amps	Freq (MHz)	0.15	0.5	1.0	10	30
5	CM (dB)	*	*	*	*	*
	DM (dB)	55	60	51	58	62
10	CM (dB)	*	*	*	*	*
	DM (dB)	55	60	51	58	62
20	CM (dB)	*	*	*	*	*
	DM (dB)	55	60	51	58	62
40	CM (dB)	*	*	*	*	*
	DM (dB)	55	60	51	58	62
75	CM (dB)	*	*	*	*	*
	DM (dB)	55	60	51	58	62

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