

ARTISAN®
TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

Artisan Technology Group
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with experienced engineers and technicians on staff.

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along with credit for buybacks and trade-ins.

Custom engineering
so your equipment works exactly as you specify.

- Critical and expedited services
- In stock / Ready-to-ship
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- ITAR-certified secure asset solutions

Expert team | Trust guarantee | 100% satisfaction

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D2L

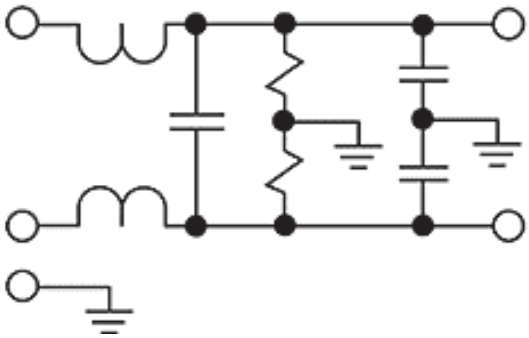
HIGH PERFORMANCE SEVERE ENVIRONMENT DC POWER FILTER

FEATURES

- **Rated currents** include **1A, 2A, 5A, 10A, 20A 40A, 75A and 100A**
- Multi-Stage Line Filter
- Subject to MIL STD 461 conducted emissions
- Available with **QD** (tabs) and **S** (studs) option
- Low Profile Case & Flange Mount Available
- High Performance Design
- Y-cap value can be adjusted to fit specification



ELECTRICAL SCHEMATIC



HOW TO ORDER

D2LXX L

L =	LOW PROFILE CASE
XX =	RATED CURRENT
D2L=	FILTER SERIES

NOTE: USE ANY COMBINATION OF -X (AMPS) WITH ANY -Y RATINGS
E.G. **D2L40 L**(40 AMPS, LOW PROFILE CASE)

SPECIFICATIONS

MAX. OPERATING VOLTAGE	60VDC +10%
TERMINALS (-T)	QD: 0.25 TABS STUDS: 8-32 (5-20A), 10-32(40A)
TYP. WEIGHT, LBS (KG)	0.6 - 11.75 (0.27 - 5.35)

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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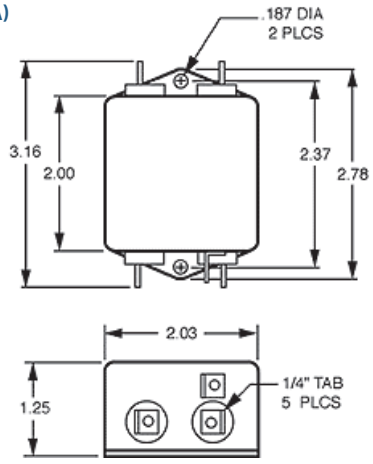
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MODEL NO.	RATED CURRENT (A) @ 40° C	Y-CAP, nF	LEAKAGE CURRENT, mA @ 250V AC, 60 Hz	TERMINAL OPTIONS			MAX. DIMENSIONS" (MM)		
				(QD)INPUT/ OUTPUT	(S) INPUT/ OUTPUT	(C) INPUT/ OUTPUT	WIDTH	(LENGTH)	HEIGHT
D2L1	1	*	*	✓			2.03"	3.2"	1.25"
D2L2	2	2x.0047µF/2x1µF	*	✓			2.03"	3.2"	1.25"
D2L5	5	2x.0047µF/2x2.2µF	*	✓			2.15"	4.07"	1.78"
D2L5 S	5	2x.0047µF/2x2µF	*		✓		2.15"	4.13"	1.78"
D2L10	10	*	*	✓			2"	4.95"	2"
D2L10 F	10	2x.0047µF/2x4µF	*	✓			2"	4.95"	2"
D2L10 FS	10	2x.0047µF/2x4.7µF	*		✓		2"	5.01"	2"
D2L10 S	10	*	*		✓		2"	4.95"	2"
D2L20	20	*	*		✓		3"	5.51"	2.75"
D2L20 F	20	2x.0047µF/2x8µF	*		✓		3"	5.51"	2.75"
D2L40	40	*	*		✓		4"	6.62"	4"
D2L40 F	40	2x.0047µF/2x8µF	*		✓		4"	6.62"	4"
D2L40 L	40	*	*		✓		4"	6.62"	4"
D2L75	75	*	*		✓		5"	9.96"	4.75"
D2L100	100	*	*		✓		5"	9.96"	4.75"

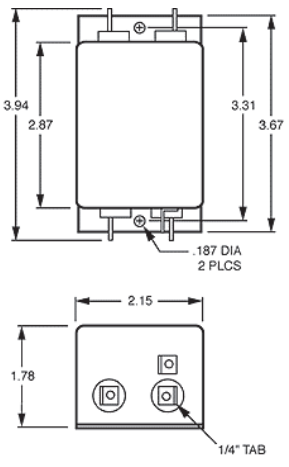
*Contact factory for part data.

D2L MECHANICAL OUTLINES (MM)

QD TABS (1/2A)



QD TABS (5A)

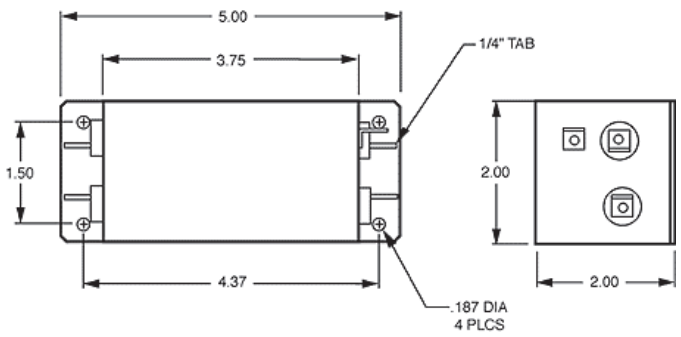




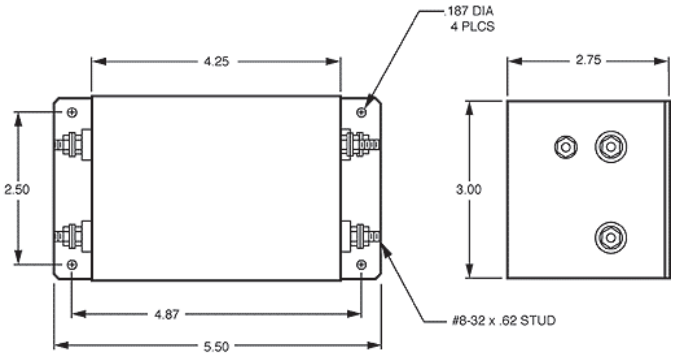
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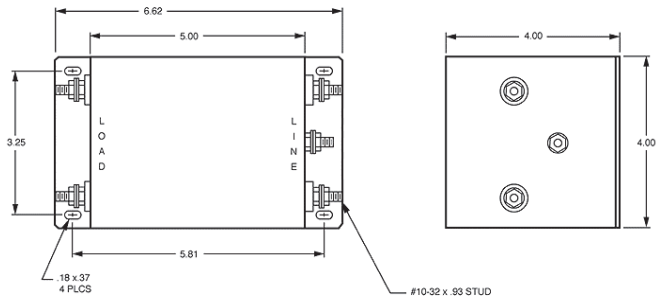
QD TABS (10A)



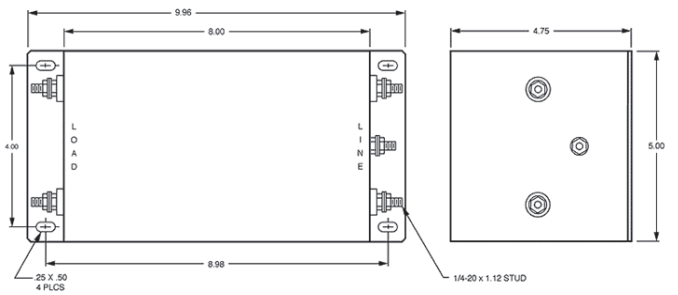
STUDS (20A)



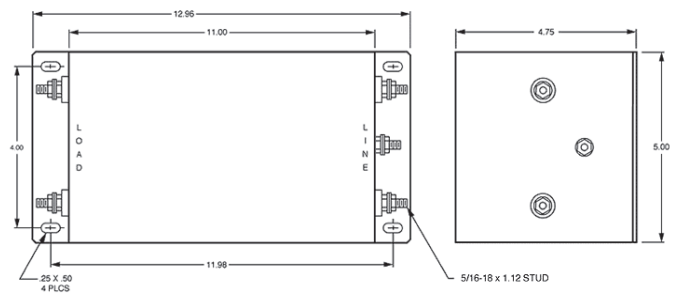
STUDS (40A)



STUDS (75A)



STUDS (100A)



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
1	CM (dB)	55	60	54	62	67
	DM (dB)	55	60	51	58	62
2	CM (dB)	50	60	54	62	67
	DM (dB)	45	60	51	58	62
5	CM (dB)	50	60	54	62	67
	DM (dB)	45	60	51	58	62
10	CM (dB)	55	60	54	62	67
	DM (dB)	55	60	51	58	62
20	CM (dB)	55	60	54	62	67
	DM (dB)	55	60	51	58	62
40	CM (dB)	55	60	54	62	67
	DM (dB)	55	60	51	58	62
75	CM (dB)	55	60	54	62	67
	DM (dB)	55	60	51	58	62
100	CM (dB)	55	60	54	62	67
	DM (dB)	55	60	51	58	62

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