

1 2 3 4 5 6

A

B

C

D

1 2 3 4 5 6

LIGO

DB9F DB9M

Filter Board Filter Board

Voltage Regulator

DC IN LEDs Switch

DB9F DB9M

D2500172-v1 Filter Test Interface

DB15F

DB25F

H1 Handle, 1.25"
H2 Handle, 1.25"
Mouser 534-9106
H3 Ferrule
H4 Ferrule
H5 Ferrule
H6 Ferrule
Mouser 534-9121
M1 #6-32 1/4" flat
M2 #6-32 1/4" flat
M3 #6-32 1/4" flat
M4 #6-32 1/4" flat
M5 #6-32 1/4" flat
M6 #6-32 1/4" flat
McMaster-Carr 91099A205
M7 #6-32 3/8" flat
M8 #6-32 3/8" flat
M9 #6-32 3/8" flat
M10 #6-32 3/8" flat
McMaster-Carr 91099A215

E1 #4-40 3/16" flat
E2 #4-40 3/16" flat
E3 #4-40 3/16" flat
E4 #4-40 3/16" flat
E5 #4-40 3/16" flat
E6 #4-40 3/16" flat
E7 #4-40 3/16" flat
E8 #4-40 3/16" flat
E9 #4-40 3/16" flat
E10 #4-40 3/16" flat
E11 #4-40 3/16" flat
E12 #4-40 3/16" flat
E13 #4-40 3/16" flat
E14 #4-40 3/16" flat
E15 #4-40 3/16" flat
E16 #4-40 3/16" flat
E17 #4-40 3/16" flat
E18 #4-40 3/16" flat
E19 #4-40 3/16" flat
E20 #4-40 3/16" flat
E21 #4-40 3/16" flat
E22 #4-40 3/16" flat

E23 #4-40 3/16" flat
E24 #4-40 3/16" flat
E25 #4-40 3/16" flat
E26 #4-40 3/16" flat
E27 #4-40 3/16" flat
E28 #4-40 3/16" flat
E29 #4-40 3/16" flat
E30 #4-40 3/16" flat
E31 #4-40 3/16" flat
E32 #4-40 3/16" flat
E33 #4-40 3/16" flat
E34 #4-40 3/16" flat
E35 #4-40 3/16" flat
E36 #4-40 3/16" flat
E37 #4-40 3/16" flat
E38 #4-40 3/16" flat
E39 #4-40 3/16" flat
E40 #4-40 3/16" flat
E41 #4-40 3/16" flat
E42 #4-40 3/16" flat
E43 #4-40 3/16" flat
E44 #4-40 3/16" flat
McMaster-Carr 91771A111

PN1 Filter Test Interface LIGO D2500172-v1
PN2 Chassis DC on/off Switch LIGO D0902794-v2
PN3 Chassis LED Cable Assembly LIGO D0902792-v2

PN4 1U chassis LIGO D1001722-v1
PN5 Chassis Power Regulator PCB LIGO D1000217-v1
PN6 Chassis Power Supply Cable
PN7 Chassis Power Supply Cable
PN8 Chassis Power Supply Cable LIGO D0902789-v2

PN9 Front Panel LIGO D2500188-v1
PN10 Rear Panel LIGO D2500189-v1

PN15 9 pin Dsub ribbon cable (M-F)
PN16 9 pin Dsub ribbon cable (M-F) LIGO D0902785-v1

E45 #6-32 1/4" flat
E46 #6-32 1/4" flat
E47 #6-32 1/4" flat
E48 #6-32 1/4" flat
E49 #6-32 1/4" flat
E50 #6-32 1/4" flat

Template for filter board is D2500203.

Title		
Size	Number	Revision
B	D2500187	1
Date:	6/25/2025	Sheet 1 of 2
File:	C:\Users\...\FilterInterfaceChassis1.SchDoc Drawn By: Daniel Sigg	

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E15 #4-40 3/16" flat
E16 #4-40 3/16" flat
E17 #4-40 3/16" flat
E18 #4-40 3/16" flat
E19 #4-40 3/16" flat
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E24 #4-40 3/16" flat
E25 #4-40 3/16" flat
E26 #4-40 3/16" flat
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E28 #4-40 3/16" flat
E29 #4-40 3/16" flat
E30 #4-40 3/16" flat
E31 #4-40 3/16" flat
E32 #4-40 3/16" flat
E33 #4-40 3/16" flat
E34 #4-40 3/16" flat
E35 #4-40 3/16" flat
E36 #4-40 3/16" flat
E37 #4-40 3/16" flat
E38 #4-40 3/16" flat
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McMaster-Carr 91771A111

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PN5 Chassis Power Regulator PCB LIGO D1000217-v1
PN6 Chassis Power Supply Cable
PN7 Chassis Power Supply Cable
PN8 Chassis Power Supply Cable LIGO D0902789-v2

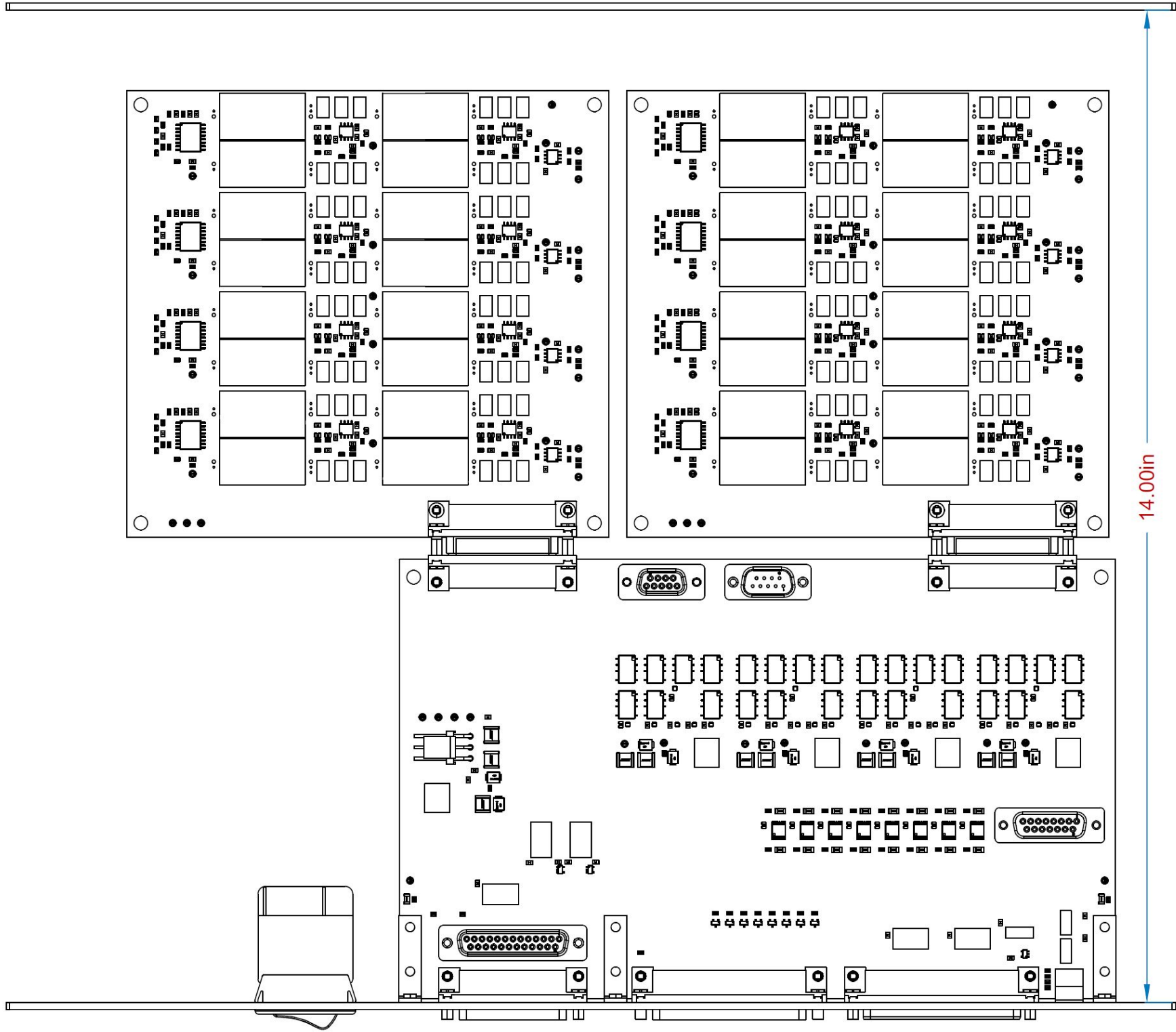
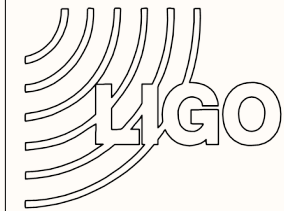
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Size	Number	Revision
B	D2500187	1
Date:	6/25/2025	Sheet 1 of 2
File:	C:\Users\...\FilterInterfaceChassis1.SchDoc Drawn By: Daniel Sigg	



Title Filter Interface Chassis		
Size B	Number D2500187	Revision 1
Date:	6/25/2025	Sheet 2 of 2
File:	C:\Users\...\FilterInterfaceChassis2.SchDoc Drawn By: Daniel Sigg	