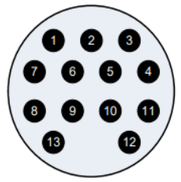


DIL13M FACE VIEW

RESON HOST CONNECTOR

PIN	SIGNAL
01	SUPPLY RET
02	GND SHIELD
03	SUPPLY RET
04	BI_DD-
05	BI_DD+
06	BI_DC+
07	BI_DC-
08	BI_DA-
09	BI_DA+
010	BI_DB-
011	BI_DB+
012	SUPPLY (22-60V)
013	SUPPLY (22-60V)

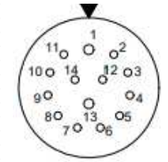
T50-SSP-HOST
DIL13F

1	BLACK	AWG#18
2	ORANGE	SCREEN
3	WHITE	AWG#18
4	BROWN	AWG#24
5	WHITE/BROWN	AWG#24
6	BLUE	AWG#24
7	WHITE/BLUE	AWG#24
8	ORANGE	AWG#24
9	WHITE/ORANGE	AWG#24
10	GREEN	AWG#24
11	WHITE/GREEN	AWG#24
12	RED	AWG#18
13	GREEN	AWG#18

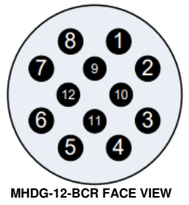
Pwr+	ORG 20AWG	1	J14 MHDG-14
Pwr Rtn	YEL 20AWG	13	
BI_DA+/TX+	WHT/GRN 23AWG	6	
BI_DA-/TX-	GRN 23AWG	7	
BI_DB+/RX+	WHT/ORG 23AWG	4	
BI_DB-/RX-	ORG 23AWG	5	
BI_DC-	WHT/BLU 23AWG	2	
BI_DC+	BLU 23AWG	3	
BI_DD+	WHT/BRN 23AWG	8	
BI_DD-	BRN 23AWG	9	
TTL Trigger	RED 22AWG	10	
TTL Trigger Rtn	BRN 22AWG	11	
IPPS Trigger	WHT 22AWG	12	
IPPS Trigger Rtn	BLK 22AWG	14	

LASS POWER INTERFACE CAN

PIN	SIGNAL
01	POWER 24V
02	POWER RETURN
03	BI_A+
04	BI_A-
05	BI_B+
06	BI_B-
07	BI_C-
08	BI_C+
09	BI_D+
010	BI_D-
011	TTL TRIGGER OUT
012	TTL TRIGGER RETURN
013	PPS SIGNAL OUT
014	PPS SIGNAL RET



MHDG-14-BCR FACE VIEW



MHDG-12-BCR FACE VIEW

RESON AUX CONNECTOR

PIN	SIGNAL
01	+12V
02	NC
03	ATTITUDE RS232 RET
04	ATTITUDE RS232 SIG
05	ZDA+PPS RET
06	ZDA RS232 SIG
07	+12V RET
08	TRIGGER OUT
09	TRIGGER IN
010	TRIGGER RET
011	PPS OUT
012	PPS IN

T50-SSP-AUX
MHDG-12-CCP

1	RED	AWG#20
2	BLACK	AWG#20
3	WHITE	AWG#20
4	BLUE	AWG#20
5	GREEN	AWG#20
6	YELLOW	AWG#20
7	ORANGE	AWG#20
8	BROWN	AWG#20
9	PINK	AWG#20
10	GREY	AWG#20
11	VIOLET	AWG#20
12	TURQUOISE	AWG#20

Reson PARTD17002-1

Monterey Bay Aquarium Research Institute 7700 Sandholdt Road, Moss Landing, CA 95039			
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Engineer: EJM	Size: B	Document Number: TBD	Part Number: W06
Designer: EJM	Date: Tuesday, November 01, 2022		Project File: <Project File>
	Sheet 1 of 1		Rev: A