

REVISIONS

REV.	DESCRIPTION	DATE	DRAWN



PIN	SIGNAL	WIRE	WIRE	WIRE
13	MTR ØC	CLR	-	-
12	MTR ØB	RED	-	-
11	MTR ØA	BLK	-	-
10	RETURN	GRN	-	-
9	HALL C	-	WHT	-
8	HALL A	-	BRN	-
7	CCW/-LMT	-	-	GRY
6	LMT COM	-	#24 BLK	GRN
5	ENC COM	-	#24 GRY	-
4	MKR-N	-	WHT/ORN	-
3	SIN-N	-	WHT/BLU	-
2	COS-N	-	WHT/YEL	-
1	REMOVE PIN	-	-	-
CASE	SHIELD	SHIELD	SHIELD	SHIELD
14	COS	-	YEL	-
15	SIN	-	BLU	-
16	MKR	-	ORN	-
17	+5V	-	#24 VIO	VIO
18	STAGE ID	-	WHT/GRY	PNK
19	CW/+LMT	-	-	WHT
20	THERM	-	WHT/GRN	-
21	HALL B	-	WHT/BRN	-
22	RETURN	JUMPER	-	-
23	MTR ØA	JUMPER	-	-
24	MTR ØB	JUMPER	-	-
25	MTR ØC	JUMPER	-	-

ADD GOLD JUMPER EIK00351, 4 PLS.

ECX01276  
4 COND., #22 AWG

ECX01366  
16 COND., #26x12, #24x4  
ALL #26, UNLESS NOTED OTHERWISE

ECX01279  
5 COND., #24 AWG

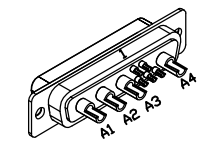
SIGNAL	WIRE	PIN
MOTOR ØA	BLK	A1
MOTOR ØB	RED	A2
MOTOR ØC	CLR	A3
FRAME GROUND	GRN	A4
SHIELD	#22 GRN/BLK	1
SHIELD	SHIELD	CASE

SIGNAL	WIRE	PIN
-	-	13
-	-	12
HALL C	WHT	11
HALL A	BRN	10
-	-	9
-	-	8
MKR	ORN	7
MKR-N	WHT/ORN	6
HALL B	WHT/BRN	5
STAGE ID	WHT/GRY	4
ENC +5V	#24 VIO	3
THERMISTOR	WHT/GRN	2
SHIELD	#22 GRN/BLK	1
SHIELD	SHIELD	CASE

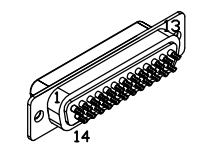
SIGNAL	WIRE	PIN
COS	YEL	14
COS-N	WHT/YEL	15
LMT +5V	#24 RED	16
SIN	BLU	17
SIN-N	WHT/BLU	18
-	-	19
LMT COM	#24 BLK	20
ENC COM	#24 GRY	21
-	-	22
-	-	23
-	-	24
-	-	25

SIGNAL	WIRE	PIN
STAGE ID	PNK	8
COM	-	7
CCW/- LMT	GRY	5
-	-	4
CW/+ LMT	WHT	3
COM	GRN	2
+5 VDC	VIO	1
SHIELD	SHIELD	CASE

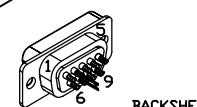
4 PIN HPD, FEMALE, ECK00657  
20AMP SOCKET, QTY. 4, ECK00659  
BACKSHELL, ECK00656



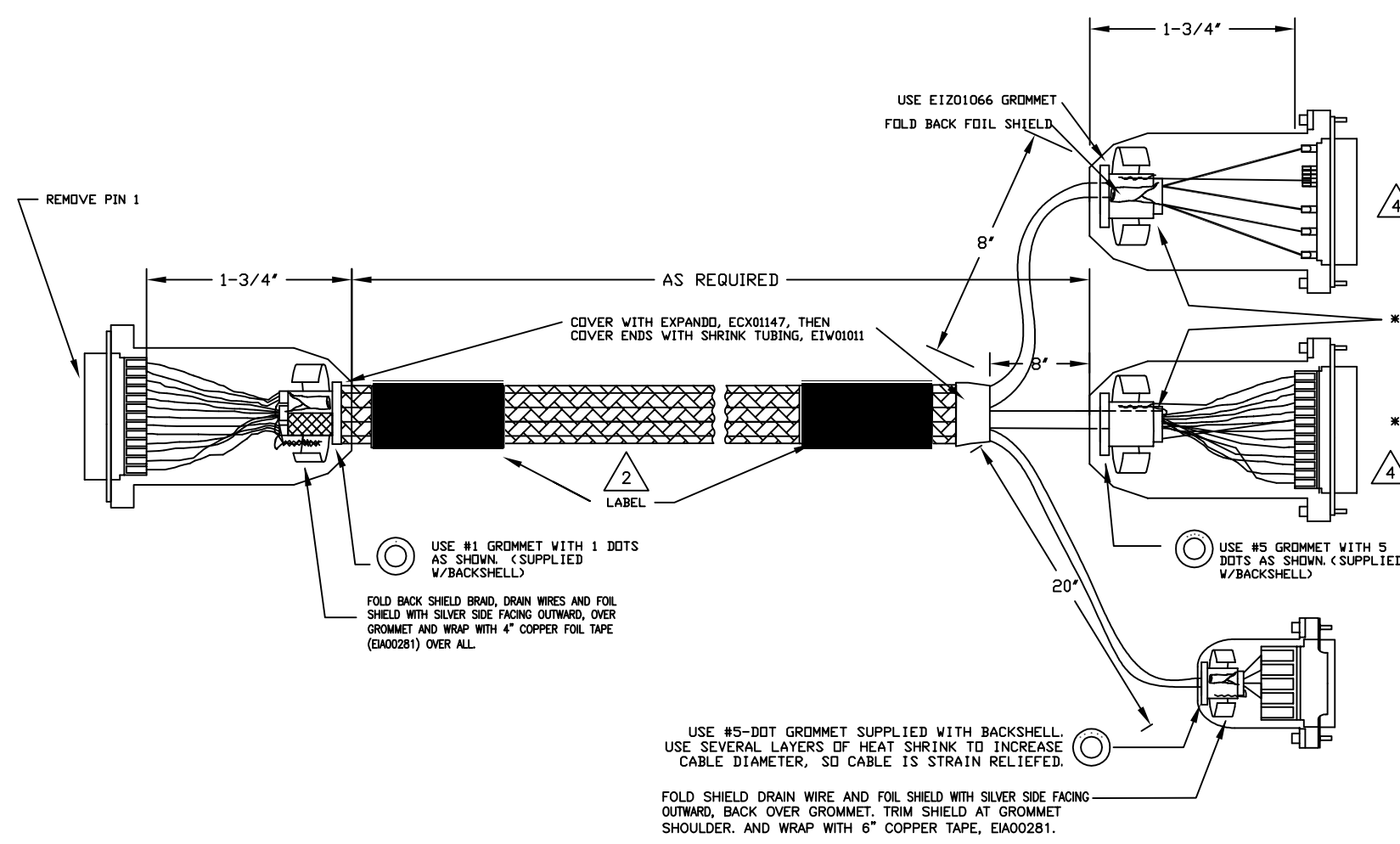
25 PIN D-STYLE FEMALE, ECK00300  
BACKSHELL, ECK00656



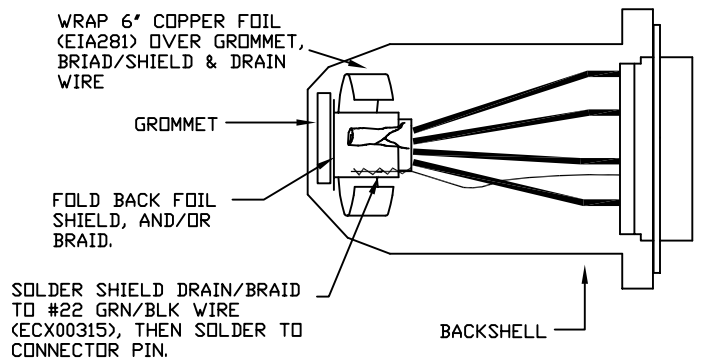
ADD GOLD JUMPERS EIK00351



BACKSHELL, ECK01021  
9 PIN, FEMALE D-CONN, ECK00340  
GOLD JUMPER, EIK00351



4 SHIELD TERMINATION TO BACKSHELL



2 LABEL EACH END OF CABLE WITH EIA00113

1 STARTING CABLE LENGTH SHOULD BE 24" LONGER THAN TOTAL LENGTH OF CABLE. LENGTH OF CABLE IS DESIGNATED BY THE <XX> IN CABLE NAME.

PROPRIETARY INFORMATION  
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AEROTECH, INC., 101 Zeta Drive  
Pittsburgh, PA. 15238-2897, USA  
HTTP://www.aerotech.com

TOLERANCES ON		
FRACTIONS	DECIMALS	ANGLES
0 TO 6 ± 1/32	.XX ± .01	± 0-30'
OVER 6 ± 1/16	.XXX ± .005	

RMS FINISH  EXCEPT AS NOTED

**C24210-xx (LAB TO BMS)**  
BL MTR & FB-25DU 4DU-25DU-9DU-MAX95DM

DRAWN	JFM	7/10/2013
CHECKED	AGS	7/10/2013
APPD.	JFM	7/10/2013

PART CODE	SIZE	REV.
C24210	C	-
SCALE NTS	FILE NAME	SHEET
	630C2421-0	1 OF 1

USE #5-DOT GROMMET SUPPLIED WITH BACKSHELL. USE SEVERAL LAYERS OF HEAT SHRINK TO INCREASE CABLE DIAMETER, SO CABLE IS STRAIN RELIEFED.

FOLD SHIELD DRAIN WIRE AND FOIL SHIELD WITH SILVER SIDE FACING OUTWARD, BACK OVER GROMMET. TRIM SHIELD AT GROMMET SHOULDER. AND WRAP WITH 6" COPPER TAPE, EIA00281.