

PIN	SIGNAL	WIRE	WIRE	WIRE
13	MTR 0C	CLR	-	-
12	MTR 0B	RED	-	-
11	MTR 0A	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	REMOVE PIN	-	-	-
1	COS-N	-	WHT/YEL	-
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 0A	JUMPER	-	-
24	MTR 0B	JUMPER	-	-
25	MTR 0C	JUMPER	-	-

ADD GOLD JUMPER EIK00351, 4 PLS.

ECX01276
4 COND., #22 AWG

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

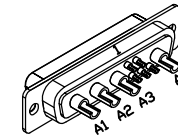
ECX01279
5 COND., #24 AWG

SIGNAL	WIRE	PIN
MOTOR 0A	BLK	A1
MOTOR 0B	RED	A2
MOTOR 0C	CLR	A3
FRAME GROUND	GRN	A4
SHIELD	GRN/WHT	1
SHIELD	SHIELD	CASE

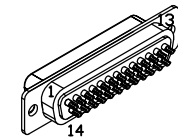
SIGNAL	WIRE	PIN
HALL C	WHT	11
HALL A	BRN	10
		9
		8
		7
MKR	ORN	6
MKR-N	WHT/ORN	5
HALL B	WHT/BRN	4
STAGE ID	WHT/GRY	3
ENC +5V	#24 VIO	2
THERMISTOR	WHT/GRN	1
SHIELD	GRN/WHT	CASE
SHIELD	SHIELD	CASE
COS	YEL	14
COS-N	WHT/YEL	15
LMT +5V	#24 RED	16
SIN	BLU	17
SIN-N	WHT/BLU	18
		19
LMT COM	#24 BLK	20
ENC COM	#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

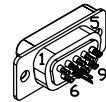
4 PIN HPD, FEMALE, ECK00657
20AMP SOCKET, QTY. 4, ECK00659
BACKSHELL, ECK00656



25 PIN D-STYLE FEMALE, ECK00300
BACKSHELL, ECK00656

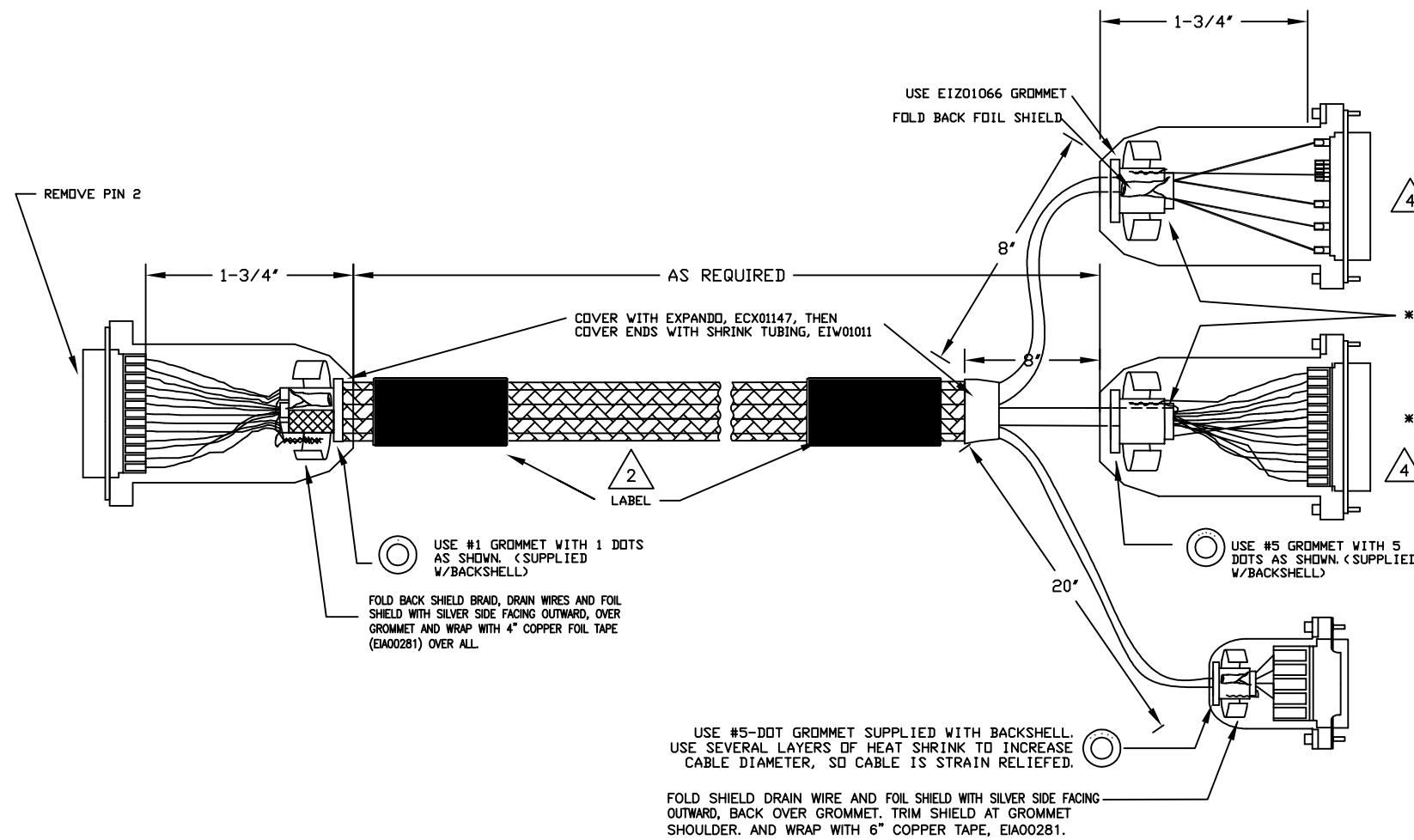


ADD GOLD JUMPERS EIK00351

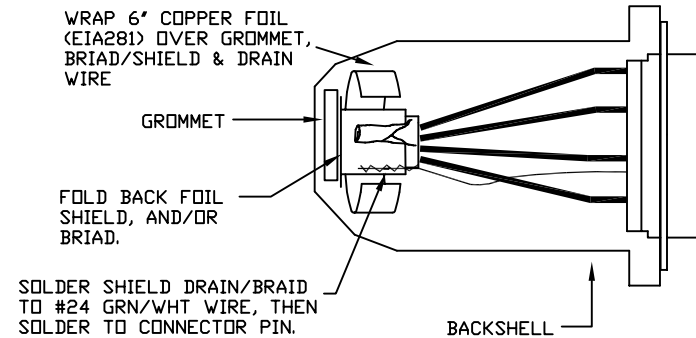


BACKSHELL, ECK01021
9 PIN, FEMALE D-CON, ECK00340
GOLD JUMPER, EIK00351

REVISIONS			
REV.	DESCRIPTION	DATE	DRAWN



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.

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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

DRAWN	JFM	4/30/2013
CHECKED	AGS	4/30/2013
APPD.	JFM	4/30/2013

C24011-xx (LAB TO BMS)
BL MTR & FB-25DU-4DU-25DU-9DU-MAX70DM

PART CODE	SIZE	REV.
C24011-xx	C	-
630C2401-1		
SCALE NTS	FILE NAME	SHEET
	630C2401-101.Dwg	1 OF 1