

25 PIN D-STYLE MALE, ECK00101
BACKSHELL, ECK00656

PIN	SIGNAL	WIRE	WIRE	WIRE
13	MTR ØC	WHT	-	-
12	MTR ØB	RED	-	-
11	MTR ØA	BLK	-	-
10	RETURN	GRN/YEL	-	-
9	HALL C	-	WHT	-
8	HALL A	-	BRN	-
7	CCW/-LMT	-	-	BLK
6	LMT COM	-	#24 BLK	GRN
5	ENC COM	-	#24 GRY	-
4	MKR-N	-	GRN	-
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	BLU
18	STAGE ID	-	#24 RED	-
19	CW/+LMT	-	WHT/GRY	RED
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.

ECX01124
4 COND., #22 AWG

ECX01126
16 COND., #26x12, #24x4
ALL #26, UNLESS NOTED OTHERWISE

ECX01125
8 COND., #26 AWG

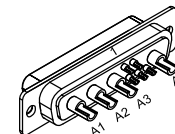
UNUSED:
ORN, RED/BLK, WHT/BLK

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

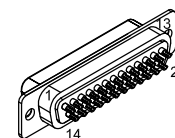
SIGNAL	WIRE	PIN
HALL C	WHT	11
HALL A	BRN	10
MKR	ORN	7
MKR-N	WHT/ORN	6
HALL B	WHT/BRN	5
STAGE ID	WHT/GRY	4
ENC +5V	#24 VIO	3
THERMISTOR	WHT/GRN	2
SHIELD	#22 GRN/BLK	1
SHIELD	SHIELD	CASE
COS	YEL	14
COS-N	WHT/YEL	15
LMT +5V	#24 RED	16
SIN	BLU	17
SIN-N	WHT/BLU	18
LMT COM	#24 BLK	20
ENC COM	#24 GRY	21
STAGE ID	RED	8
COM	-	7
CCW/- LMT	BLK	5
CW/+ LMT	WHT	4
COM	GRN	3
+5 VDC	BLU	2
SHIELD	SHIELD	CASE

SIGNAL	WIRE	PIN
STAGE ID	RED	8
COM	-	7
CCW/- LMT	BLK	5
CW/+ LMT	WHT	4
COM	GRN	3
+5 VDC	BLU	2
SHIELD	SHIELD	CASE

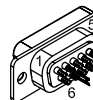
4 PIN HPD, FEMALE, ECK00657
20AMP SOCKET, QTY. 4, ECK00659
BACKSHELL, ECK00656



25 PIN D-STYLE FEMALE, ECK00300
BACKSHELL, ECK00656

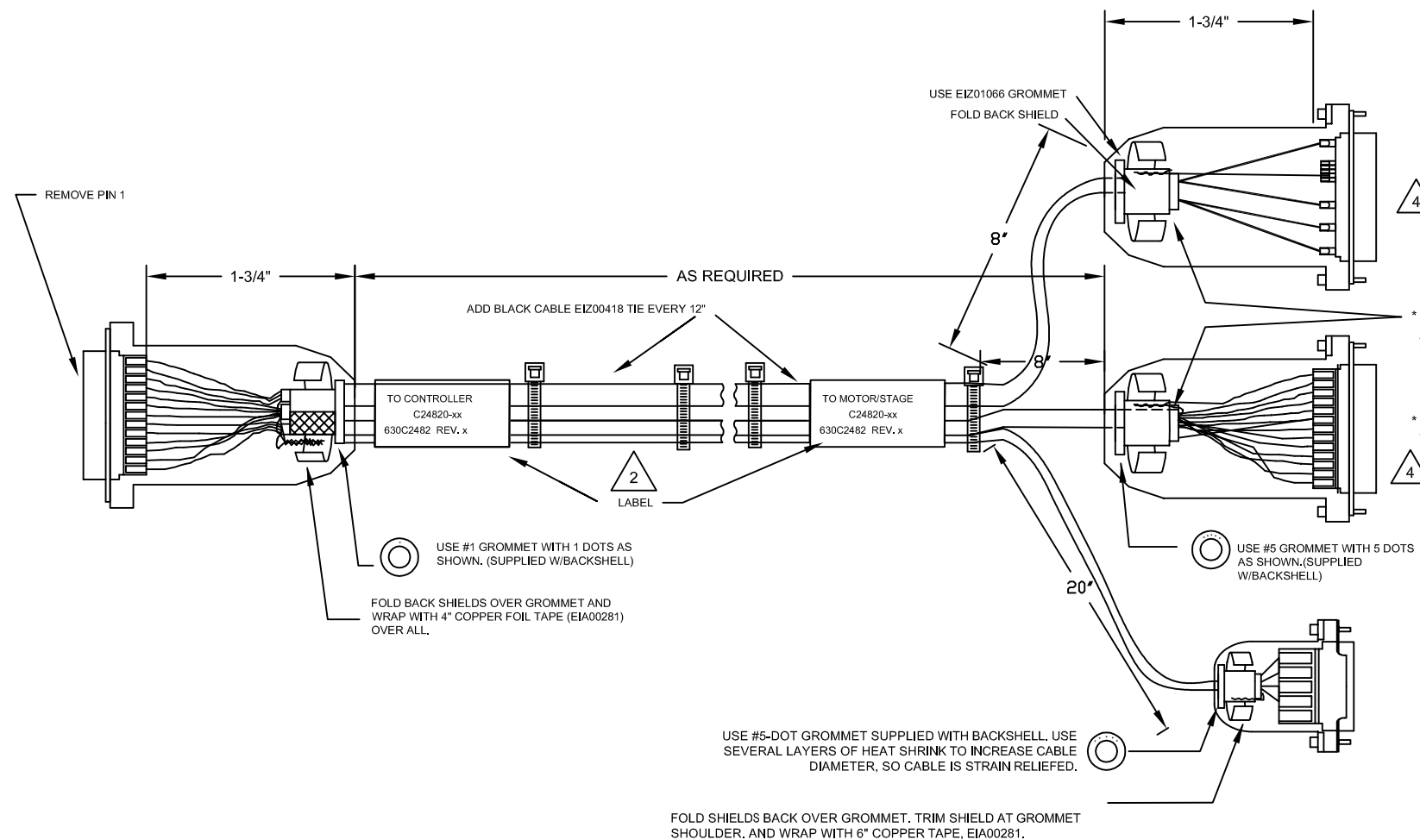


ADD GOLD JUMPERS
EIK00351

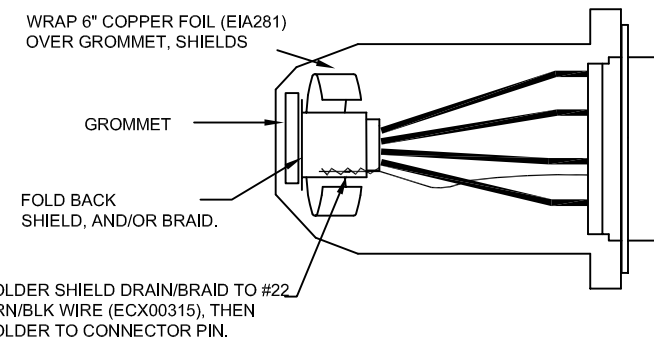


BACKSHELL, ECK01021
9 PIN, FEMALE D-CON, ECK00340
GOLD JUMPER, EIK00351

REV.		DESCRIPTION		REVISIONS		DATE	DRAWN
A		ADDED ECN 18345				5/9/2017	JFM



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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TOLERANCES ON		
FRACTIONS	DECIMALS	ANGLES
0 TO 6 3/32	.XX ±01	± 0-30°
OVER 6 1/16	.XXX ±005	

RMS FINISH	EXCEPT AS NOTED
✓	

DRAWN	JFM	10/27/2014	PART CODE	SIZE	REV.
CHECKED	AGS	10/27/2014	C24820	C	A
APPD.	JFM	10/27/2014	SCALE NTS	FILE NAME	630C2482.Dwg

C24820-xx (LAB TO BMS)
BL MTR & FB-25D 4D-25D-9D-HF-MAX80DM

PART CODE	SIZE	REV.
C24820	C	A