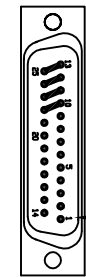


WIRE SIDE VIEW



25 PIN D-STYLE MALE, ECK00101
BACKSHELL, ECK00656

PIN 1

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

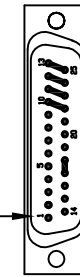
3

ADD GOLD JUMPER
EIK00351, 4 PLS.

ECX01182
26 COND., #22x5, #24x2, #26x13, #26x3Pair
ALL #26, UNLESS NOTED OTHERWISE

UNUSED:
PNK, YEL/BLK, BLU/BLK, WHT/YEL

WIRE SIDE VIEW



25 PIN D-STYLE FEMALE, ECK00300
BACKSHELL, ECK00656

PIN 1

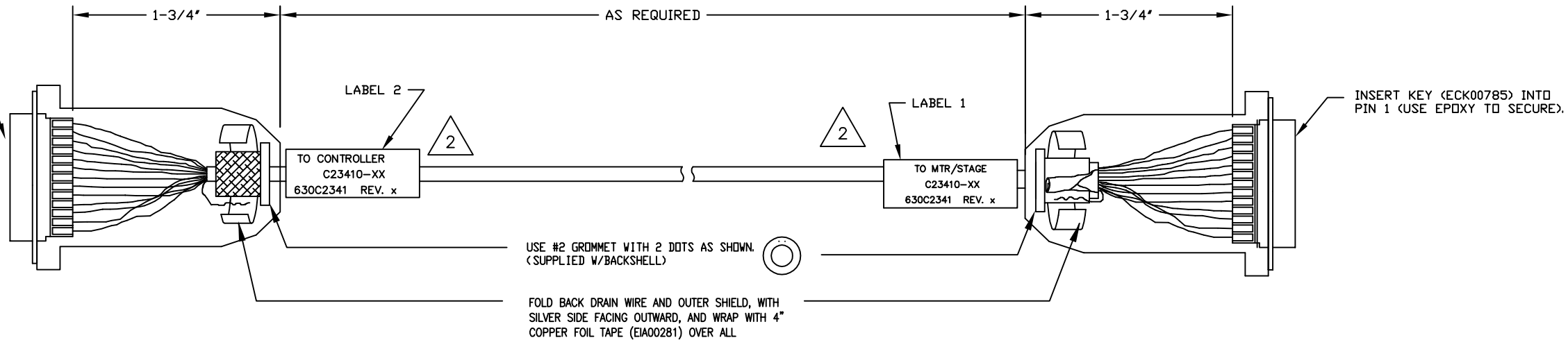
SIGNAL	WIRE	PIN
MTR ØC	#22 W/GRN	13
MTR ØB	#22 W/VIO	12
MTR ØA	#22 RED/BLK	11
FRAME	#24 RED/ORN	10
HALL C	GRY/RED	9
HALL A	GRY/BLK	8
CCW/-LMT	GRY	7
LMT COM	#22 GRN	6
INNER SHIELD	INNER SHIELD	5
ENC COM	GRN/BLK	4
MKR-N	WHT/BRN	4
SIN-N	WHT/ORN	3
COS-N	WHT/RED	2
KEY	KEY	1
OUTER SHIELD	OUTER SHIELD	CASE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

INSERT KEY (ECK00785) INTO
PIN 1 (USE EPOXY TO SECURE).

ADD GOLD JUMPER
EIK00351

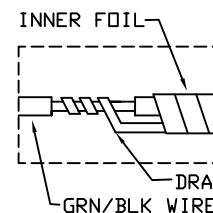
ADD GOLD JUMPER
EIK00351, 4 PLS.

REMOVE PIN 2



3

INNER SHIELD TERMINATION
UNWRAP INNER FOIL SHIELD AS FAR BACK AS POSSIBLE. SEPARATE GRN/BLK WIRE INSULATION. SOLDER-SPLICE INNER DRAIN WIRE TO GRN/BLK WIRE. WRAP INNER FOIL SHIELD OVER SOLDER-SPLICE. COVER INNER BUNDLE, SPLICE & INNER SHIELD WITH SHRINK TUBING AS FAR IN CABLE AS POSSIBLE. CONNECT GRN/BLK WIRE TO PIN 5.



NOTE: INNER SHIELD MUST NOT TOUCH OUTER SHIELD OR BACKSHELL.

2

LABEL EACH END OF CABLE, EIA00113

1

STARTING CABLE LENGTH SHOULD BE 5 IN 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	6/16/11
CHECKED	FRW	6/16/11
APPD.	JFM	6/16/11

C23410-xx
CABLE: BL MTR & FB-25DU-25DU-75DM MAX

PART CODE	SIZE	REV.
C23410-xx	C	-
SCALE NTS	FILE NAME	SHEET
	630C234101.Dwg	1 OF 1

630C2341