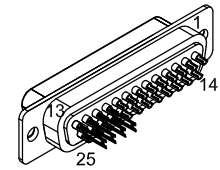


REVISIONS			
REV.	DESCRIPTION	DRAWN	DATE



25 PIN MALE D-STYLE, ECK00101 BACKSHELL, ECK0656

ADD GOLD JUMPER EIK00351, 4 PLS.

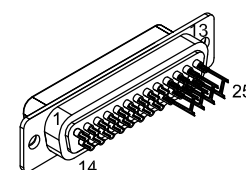
PIN	WIRE	SIGNAL
13	#22 W/GRN	MTR ØC
12	#22 W/VIO	MTR ØB
11	#22 RED/BLK	MTR ØA
10	#24 RED/ORN	MTR RETURN
9	GRY/RED	HALL C
8	GRY/BLK	HALL A
7	GRY	CCW-LMT
6	BLU/BLK	LMT COM
	#22 GRN	LMT COM
5	INNER SHIELD	INNER SHIELD
	GRN/BLK	ENC COM
4	WHT/BRN	MKR-N
3	WHT/ORN	SIN-N
2	WHT/RED	COS-N
1	REMOVE PIN	REMOVE PIN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

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

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	BLU/BLK	6
LMT COM	#22 GRN	6
INNER SHIELD	INNER SHIELD	5
ENC COM	GRN/BLK	5
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
ENC +5V	YEL/BLK	17
ID	PNK	18
CW+LMT	WHT	19
THERMISTOR	WHT/YEL	20
HALL B	WHT/GRY	21
FRAME	#24 BLK/ORN	22
MTR ØA	BLK	23
MTR ØB	YEL	24
MTR ØC	BLU	25

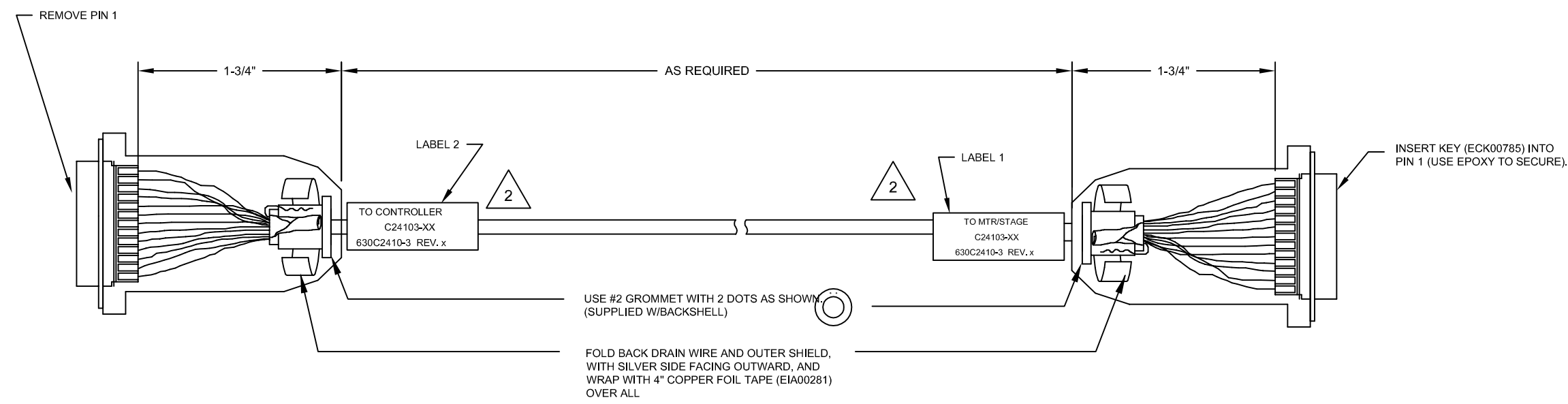


INSERT KEY (ECK00785) INTO PIN 1 (USE EPOXY TO SECURE).



25 PIN FEMALE D-STYLE, ECK00300 BACKSHELL, ECK0656 JACK SOCKETS, ECK00129

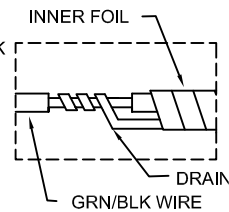
ADD GOLD JUMPER EIK00351, 4 PLS.



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.

PROPRIETARY INFORMATION
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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

DRAWN	JFM	8/1/2018
CHECKED	TES	8/1/2018
APPD.	JFM	8/1/2018

C24103-xx
CABLE: BL MTR + FB-25D-25DJS-3ARMS-MAX90DM

PART CODE	SIZE	REV.
C24103	C	-
SCALE	FILE NAME	SHEET
NTS	630C2410-3.Dwg	1 OF 1